

FIG.1

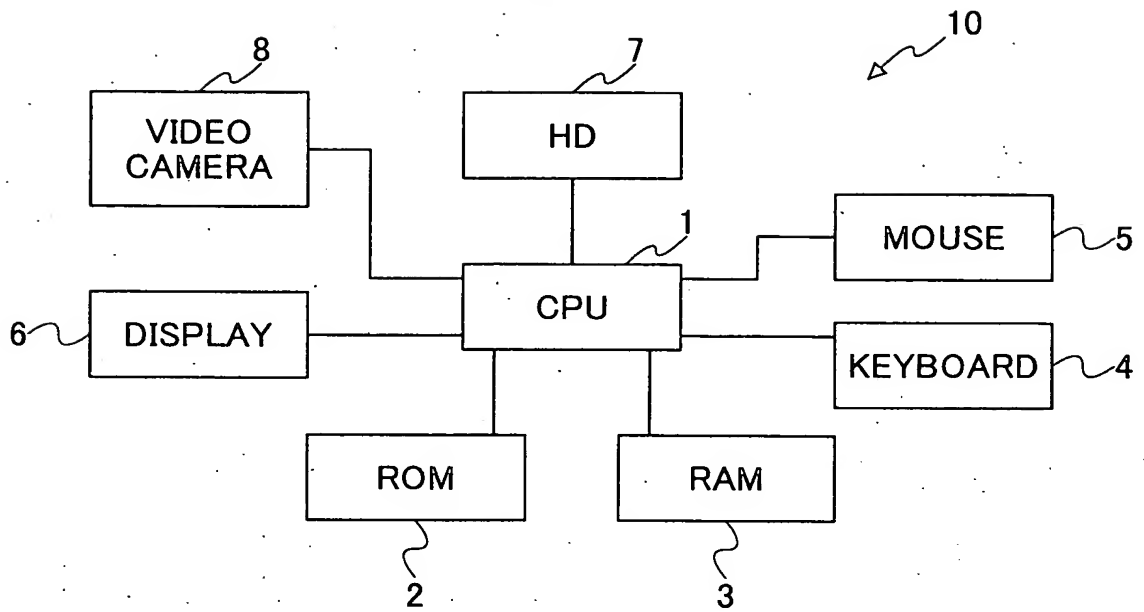


FIG.2

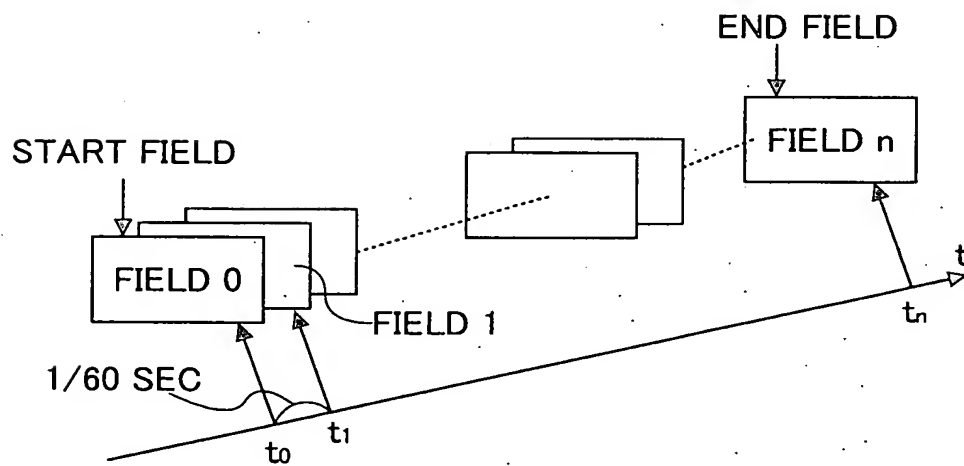
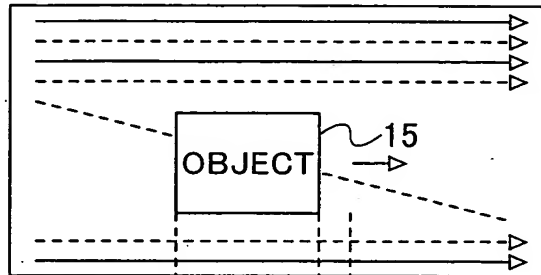


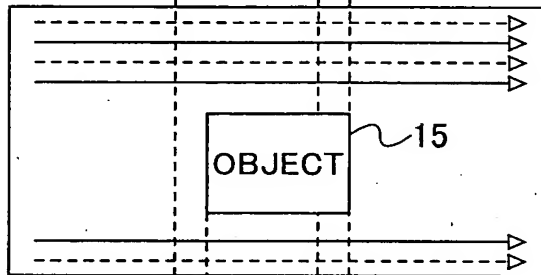
FIG.3A



INTERLACED IMAGE A

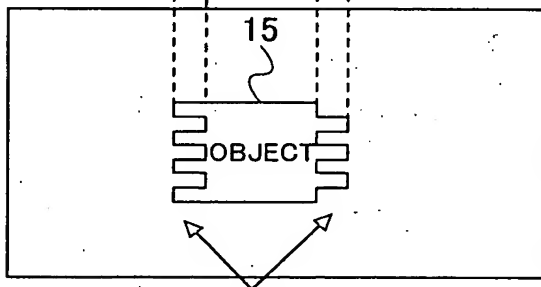
↓ 1/60 SEC LATER

FIG.3B



INTERLACED IMAGE B

FIG.3C



NON-INTERLACED IMAGE
(INTERLACED IMAGE A
+ INTERLACED IMAGE B)

COMB-SHAPED OFFSET

FIG.3D

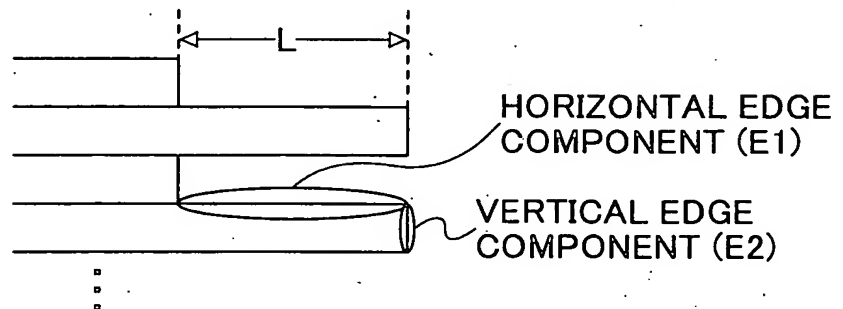


FIG.4

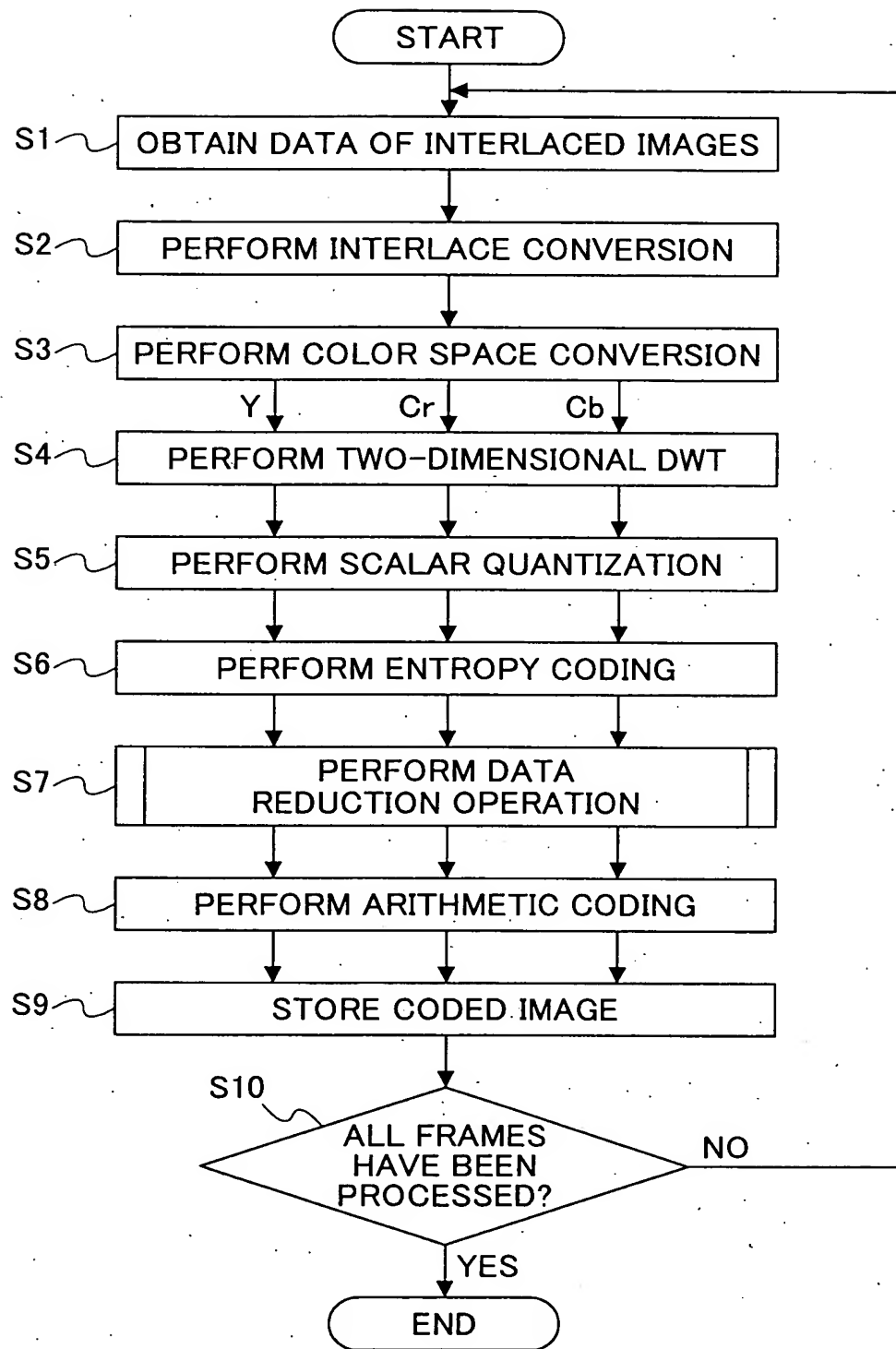
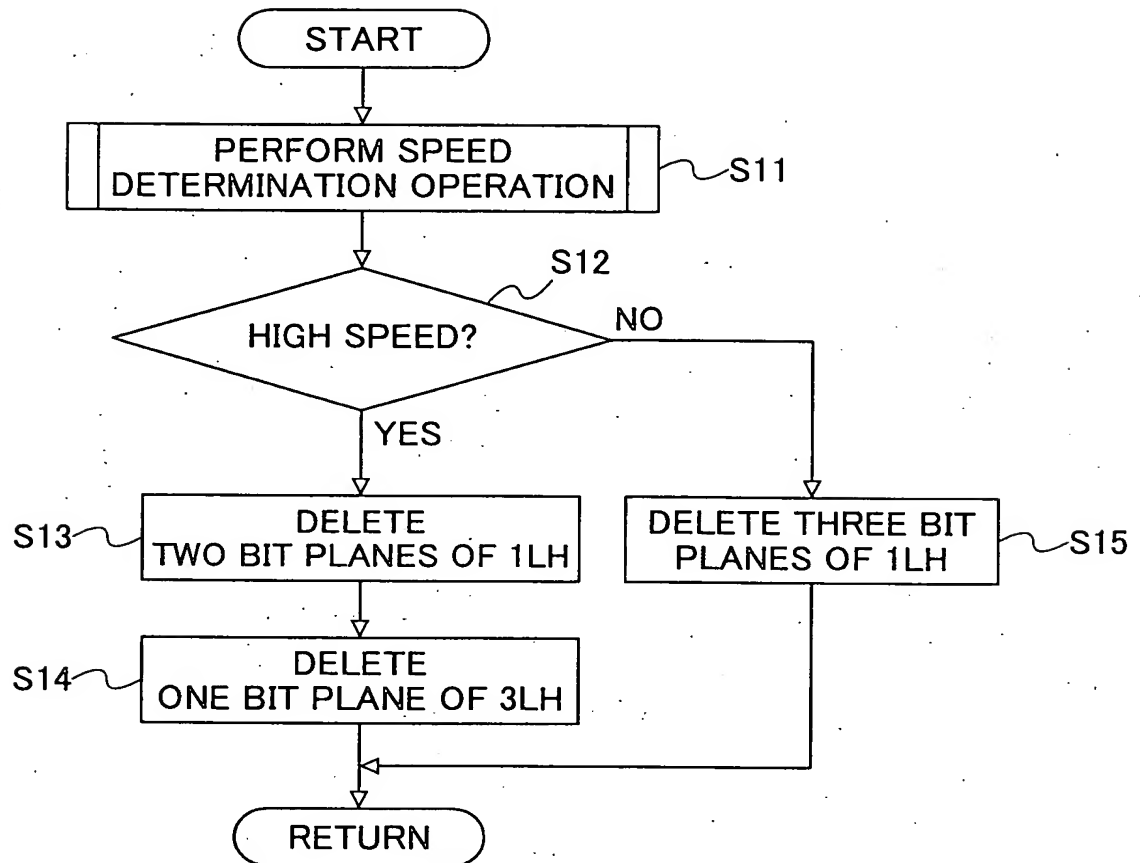


FIG.5



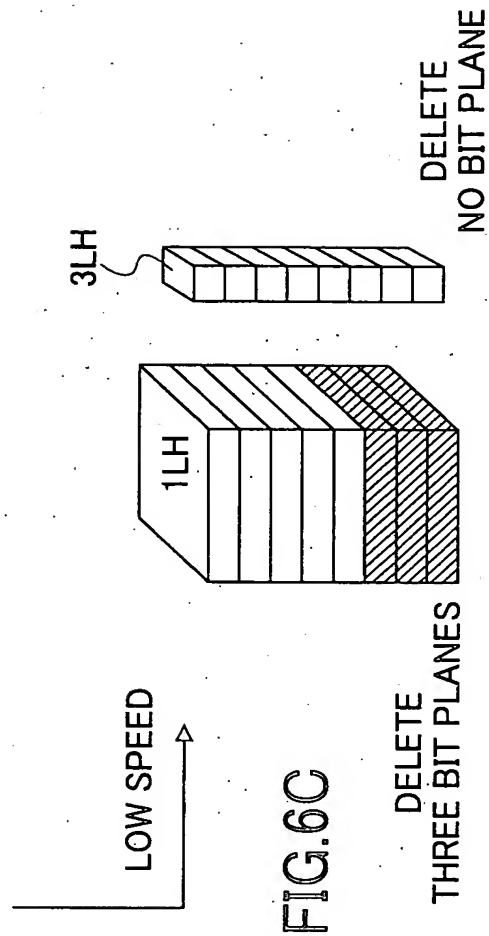
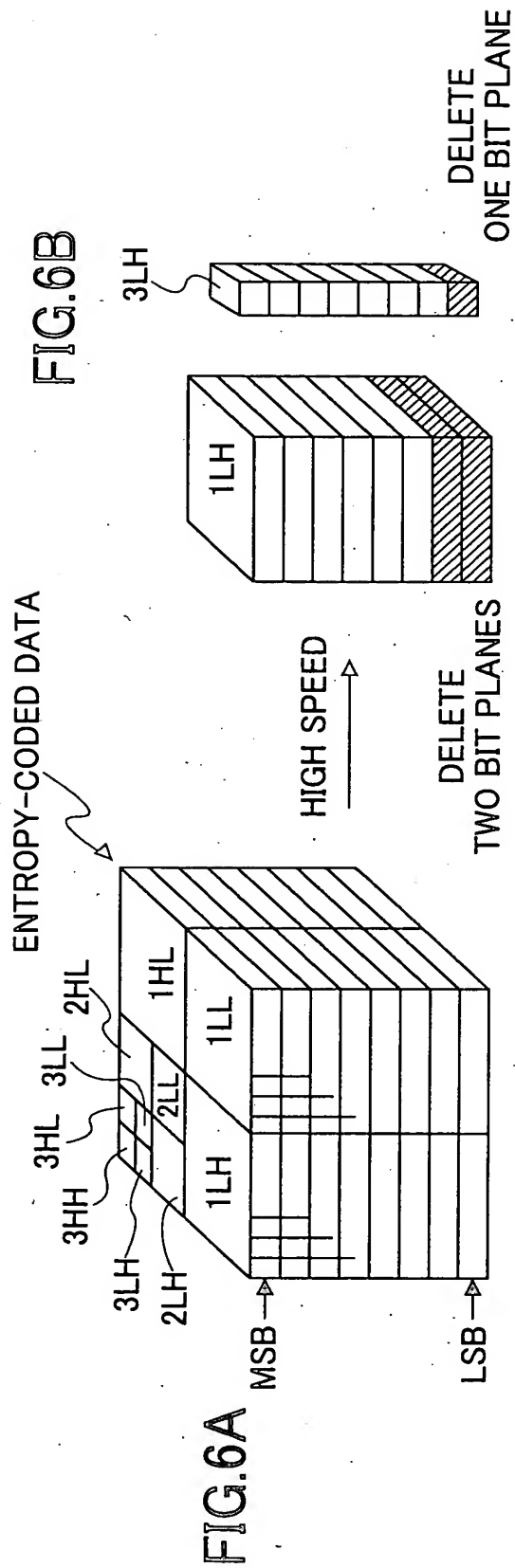


FIG.7

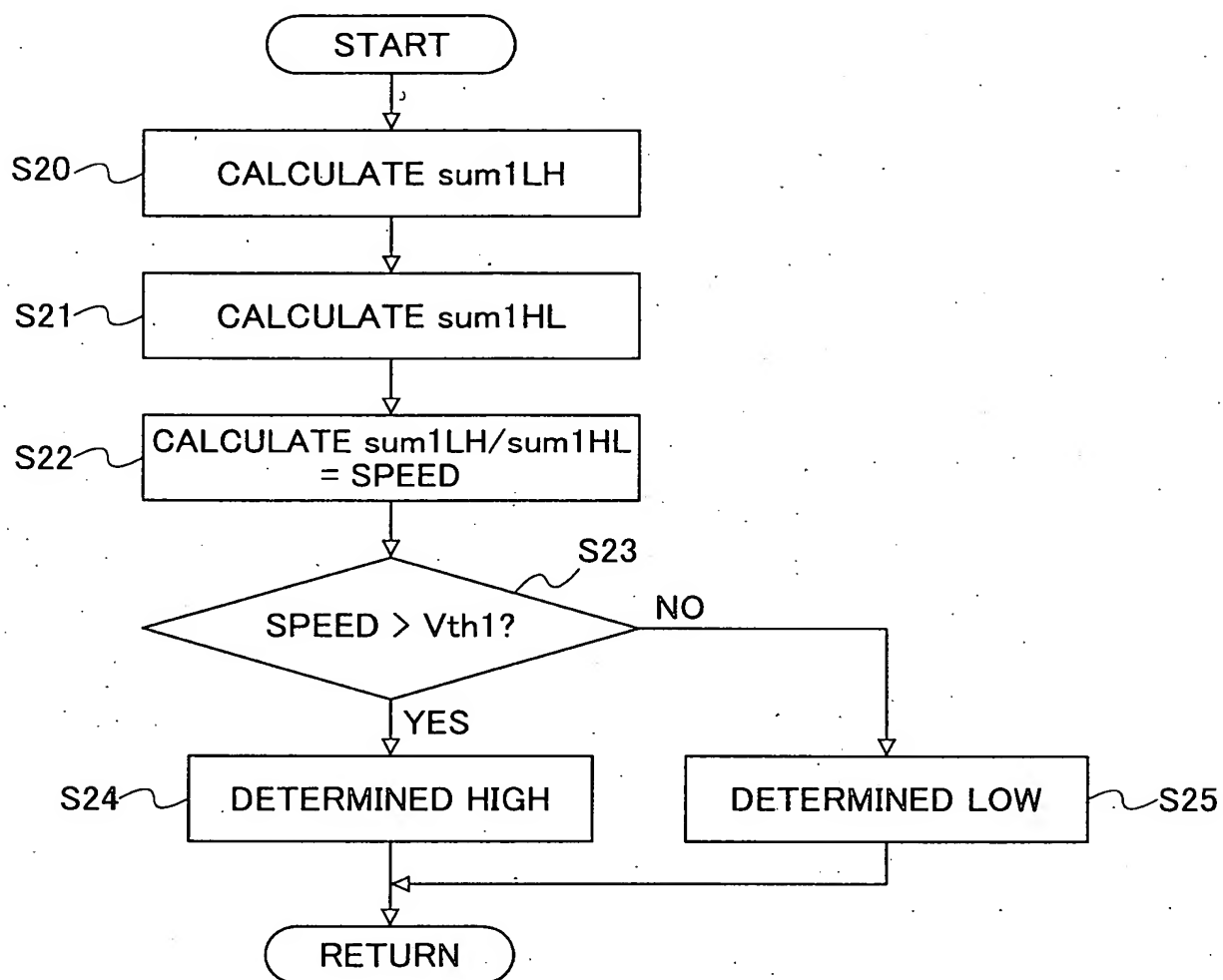


FIG.8

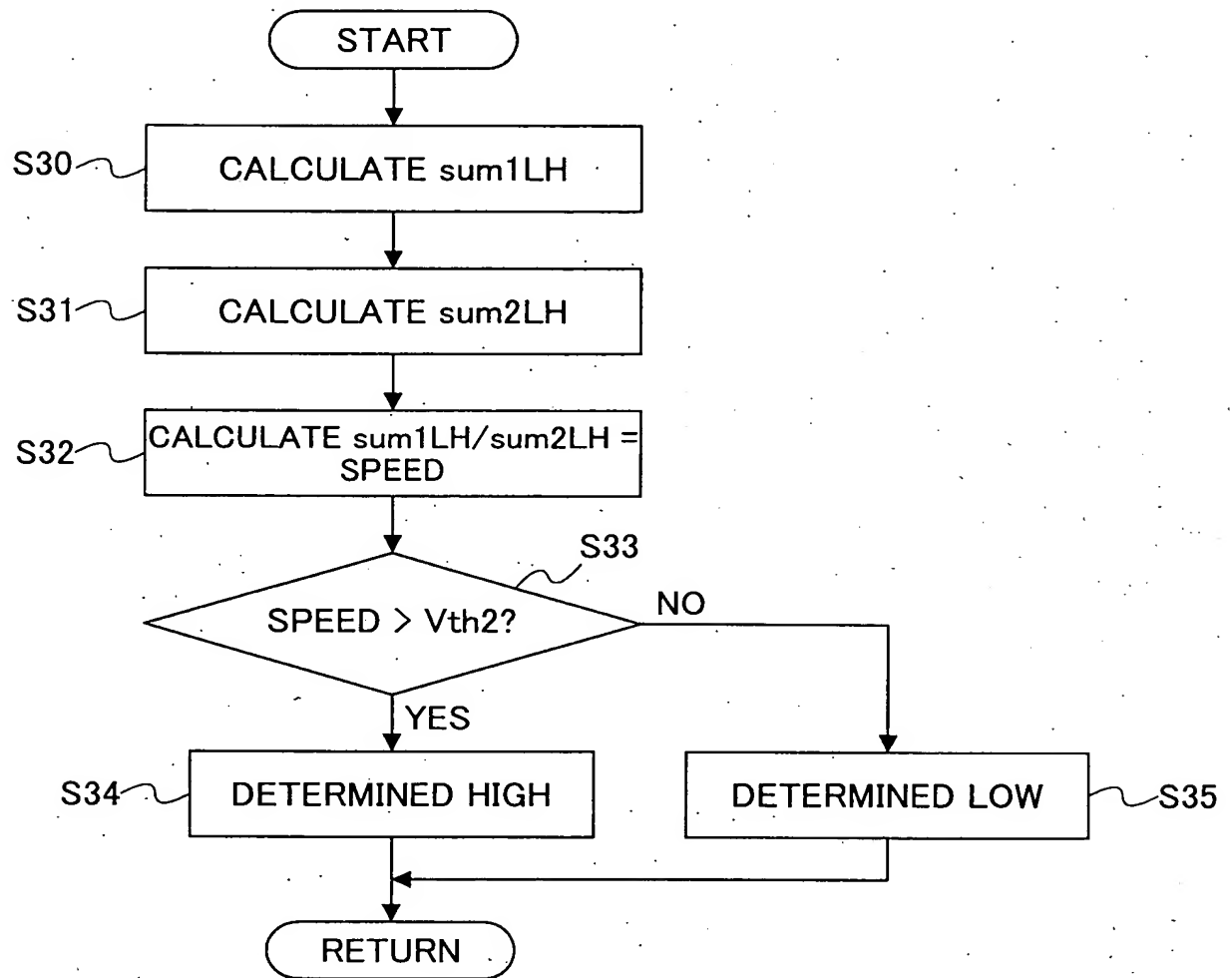


FIG.9

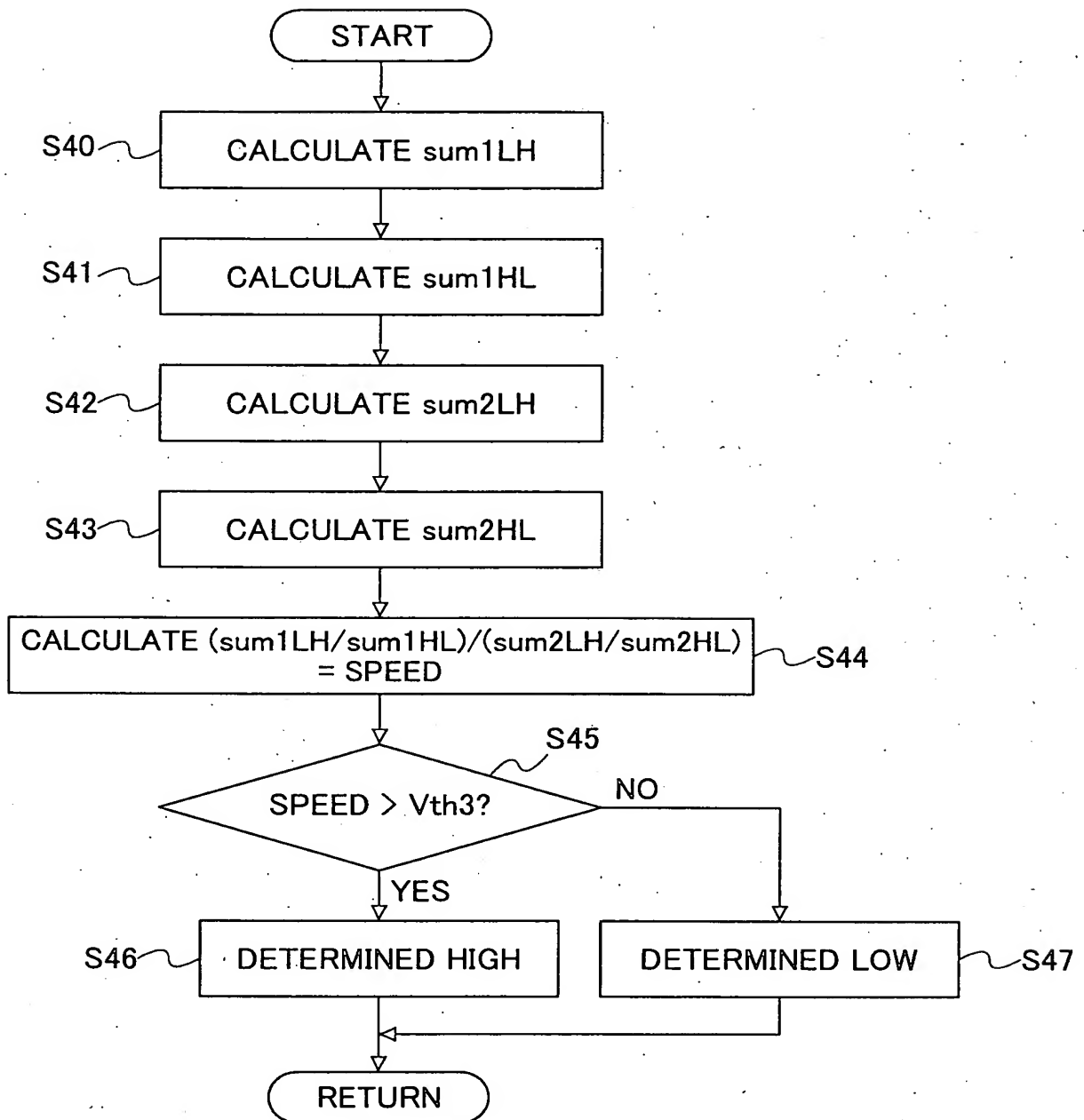


FIG.10

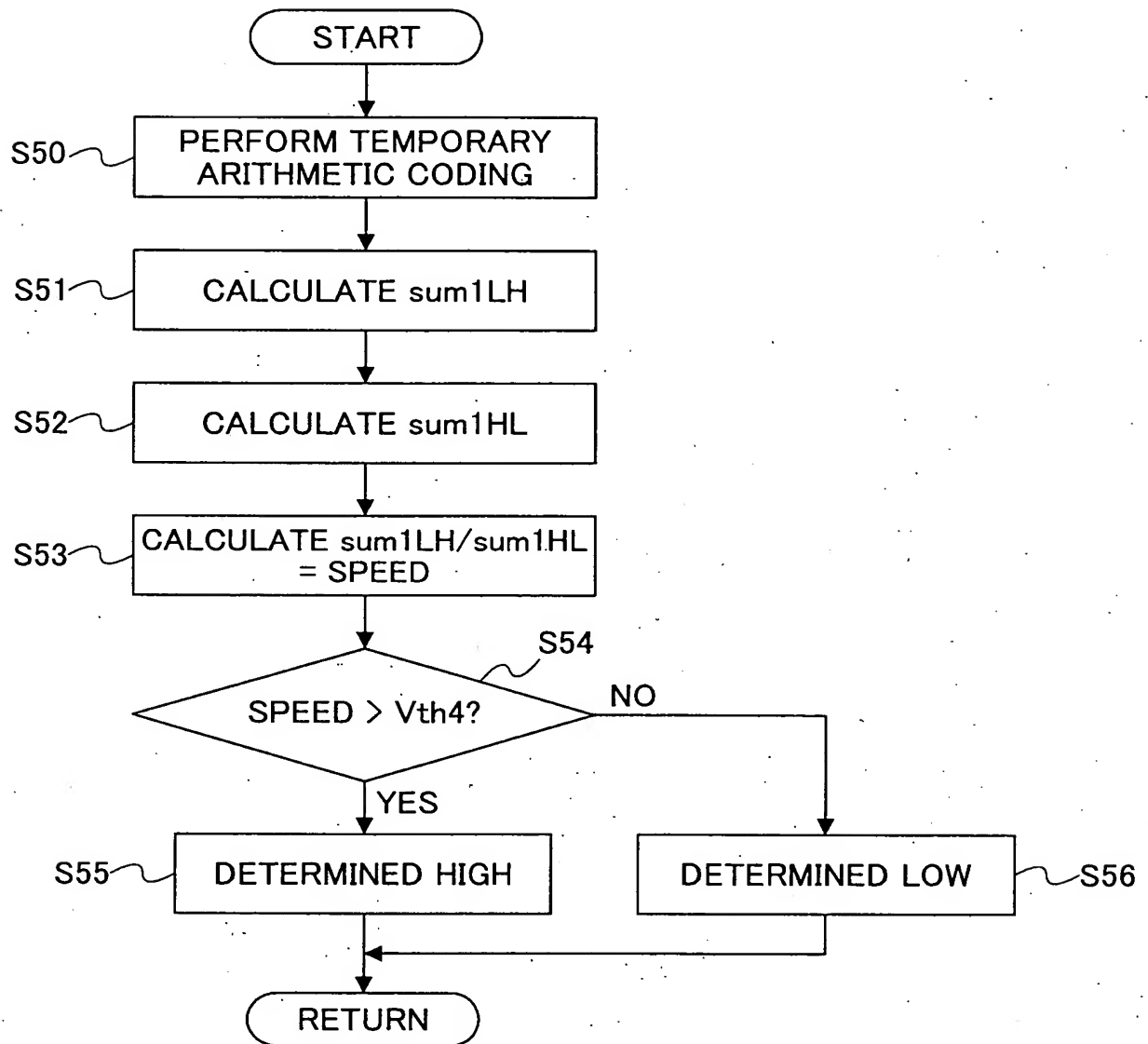


FIG.11

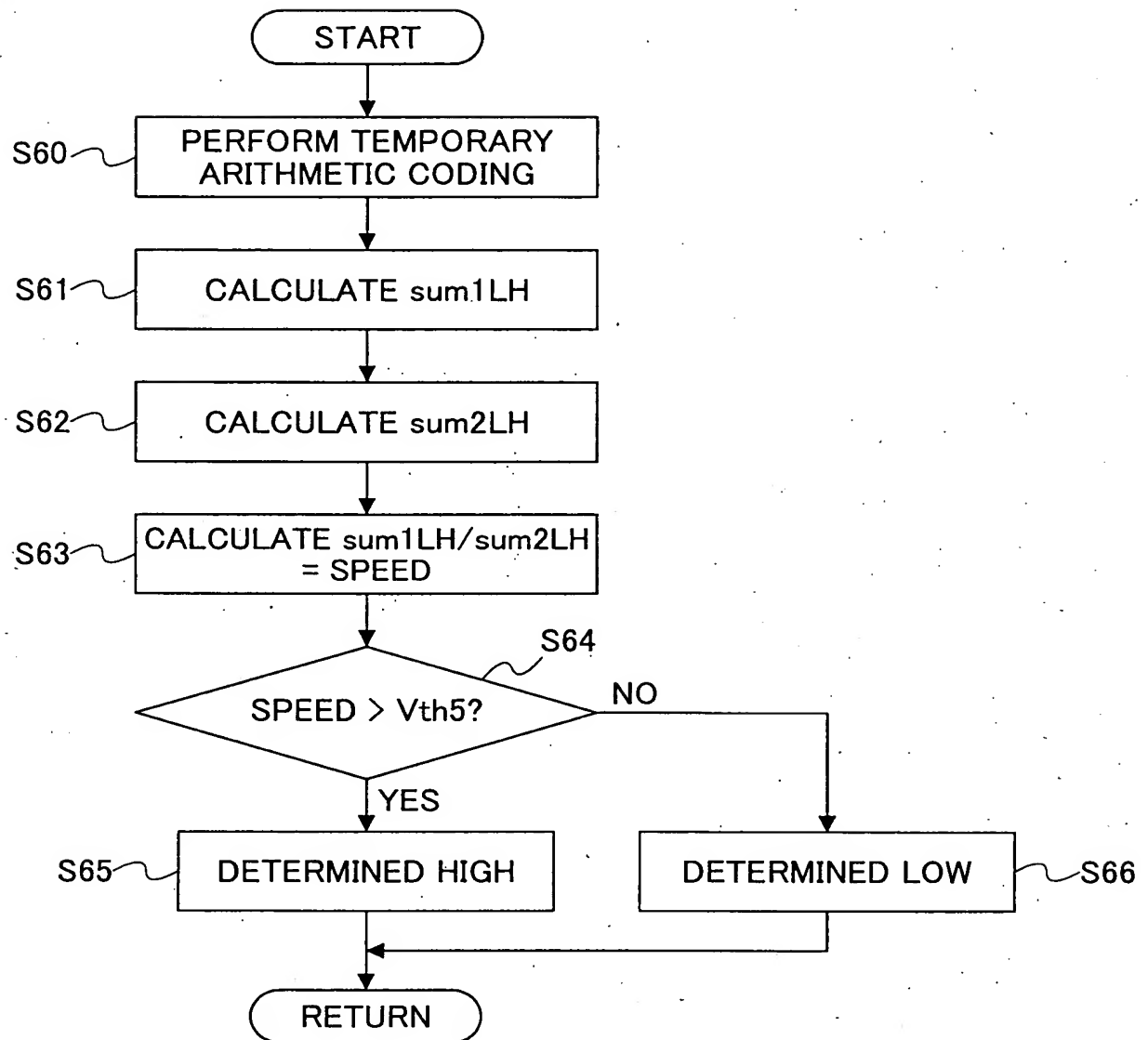


FIG.12

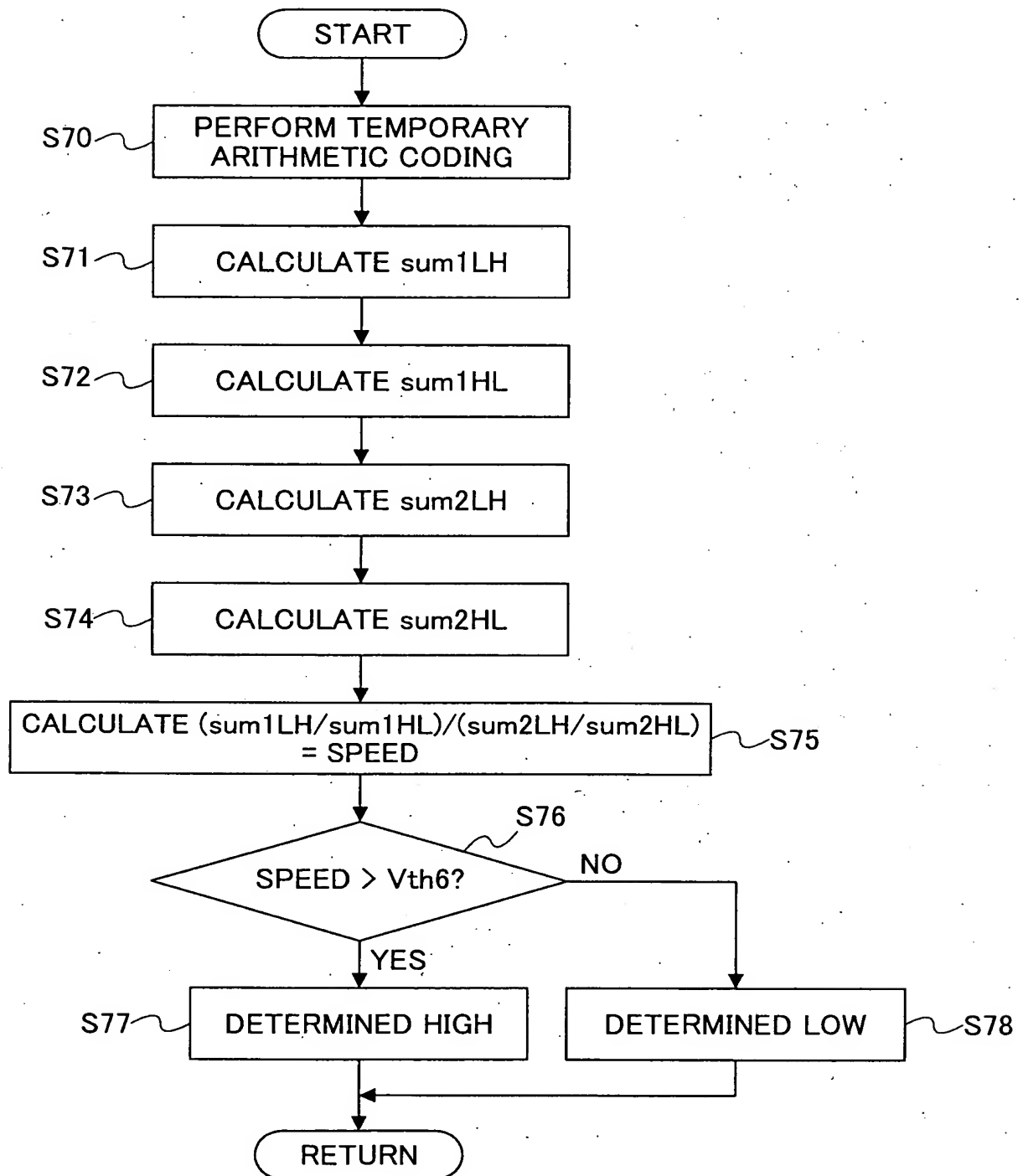


FIG.13

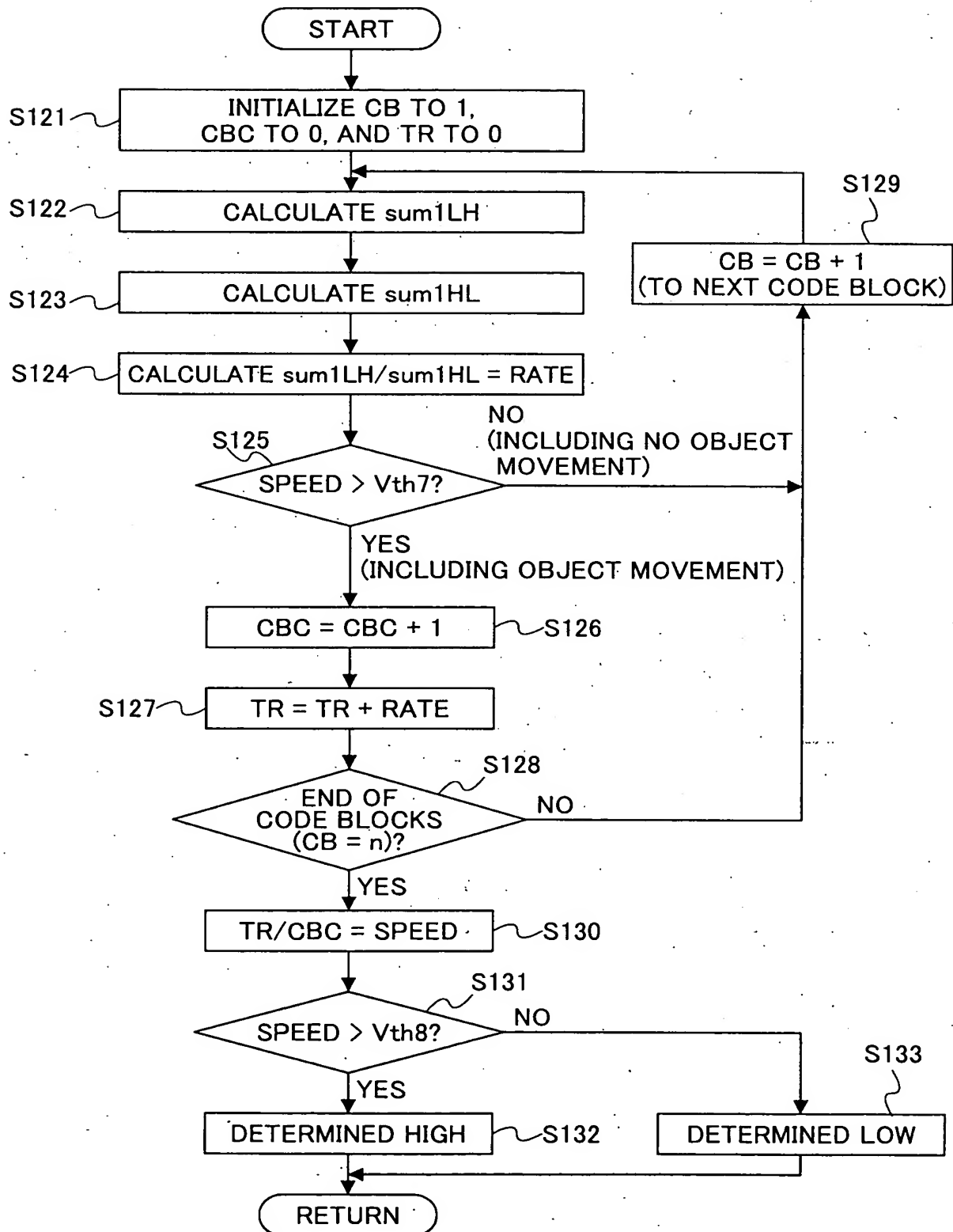


FIG.14

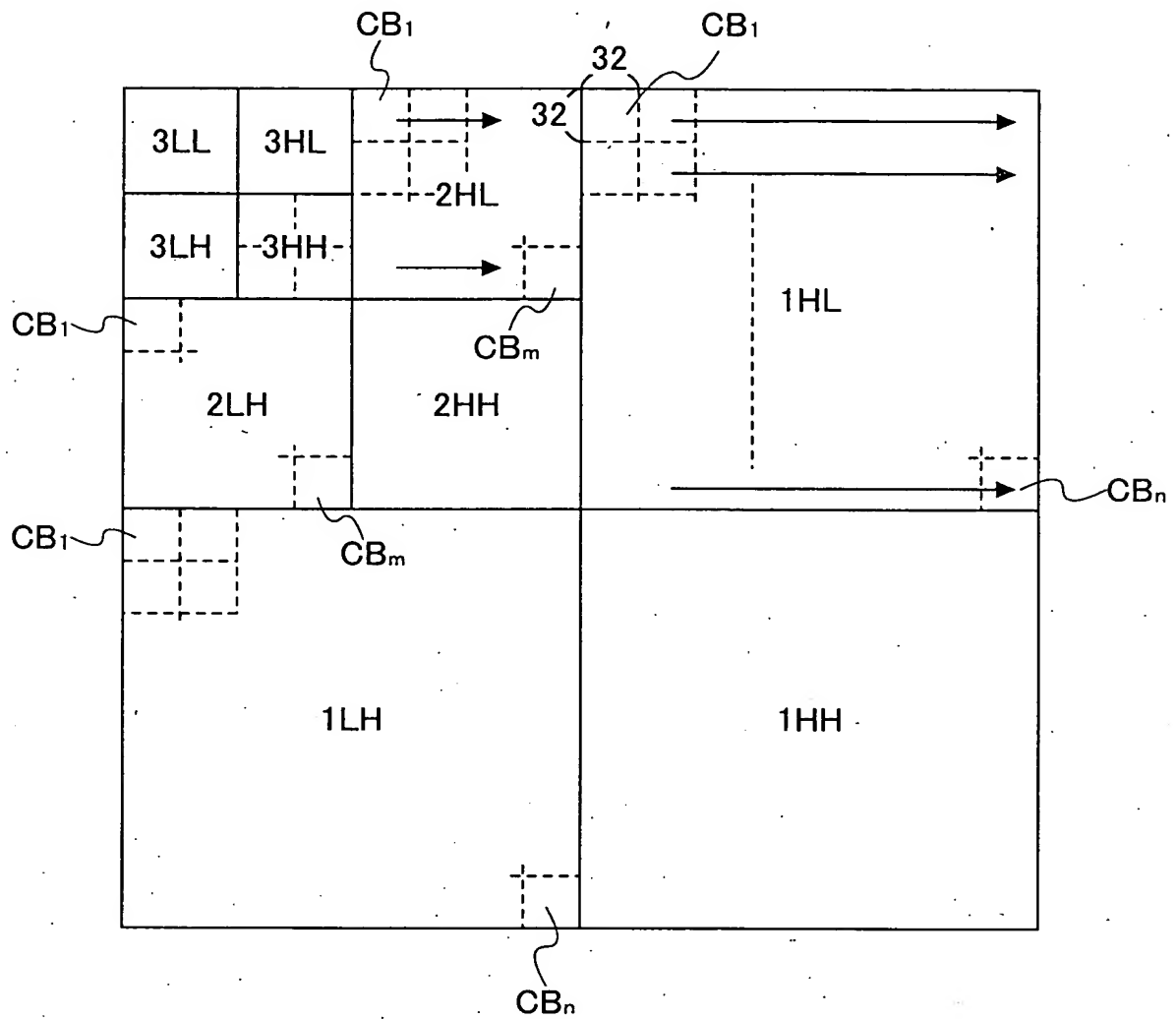


FIG.15

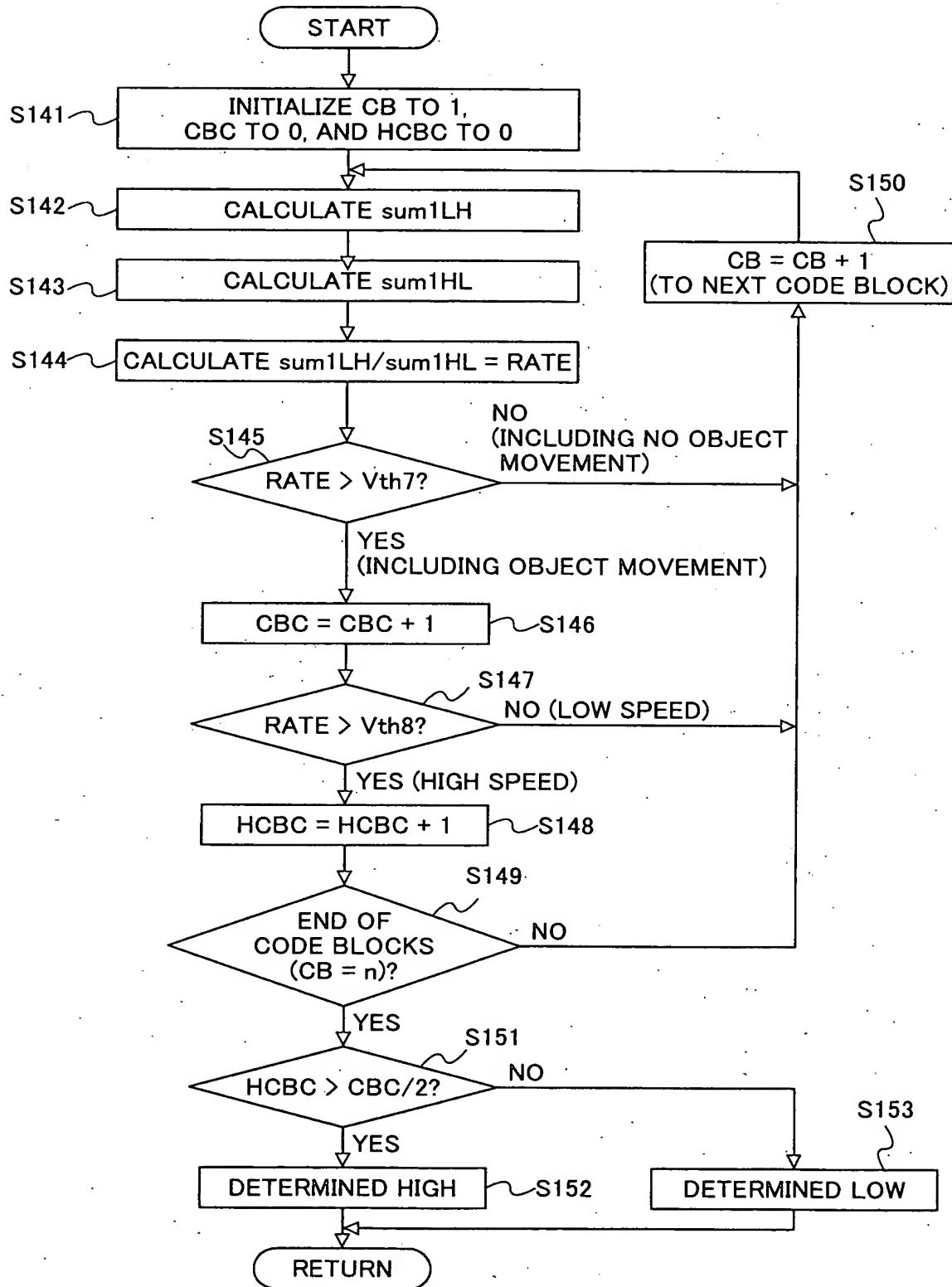


FIG.16

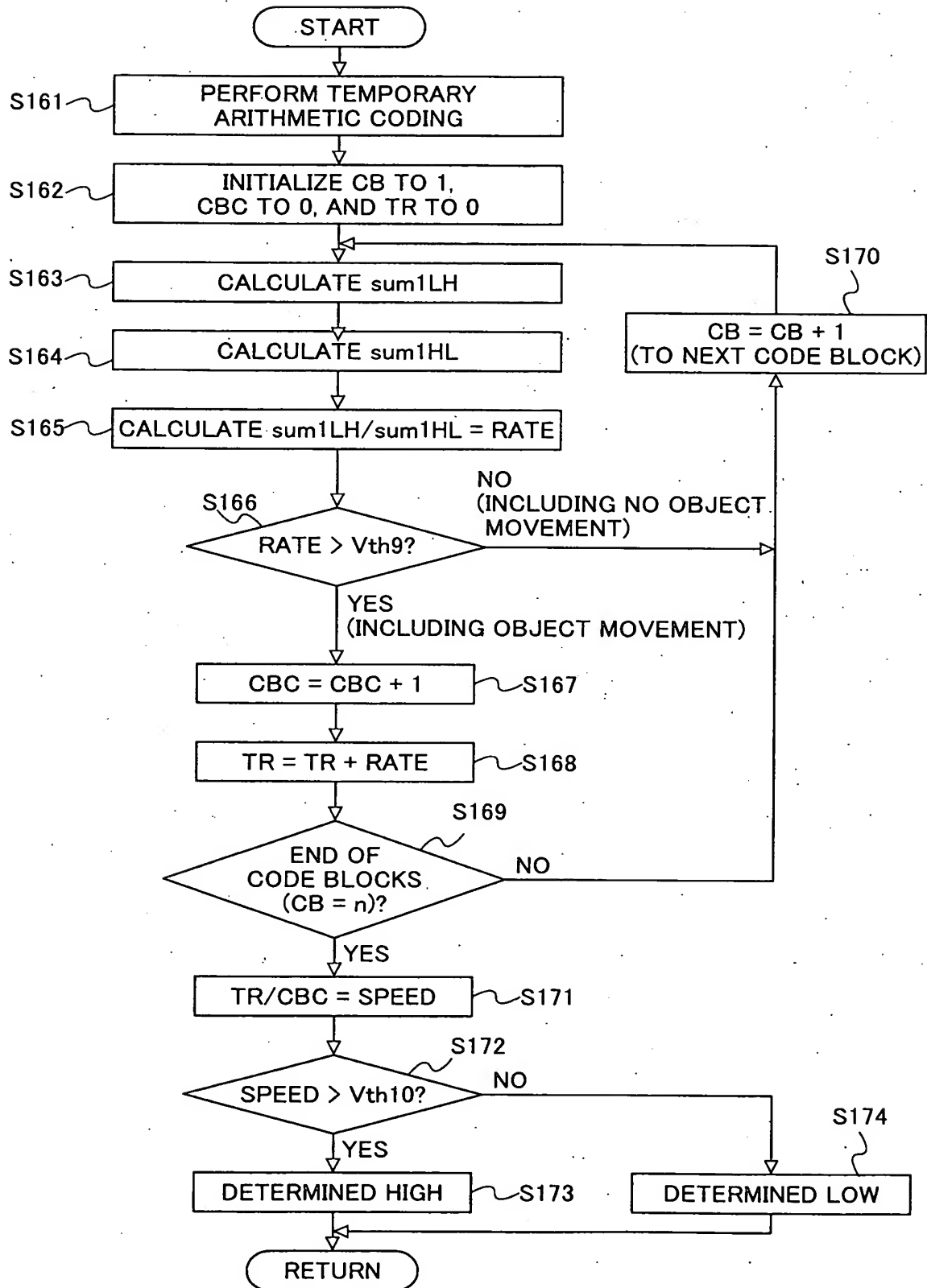


FIG.17

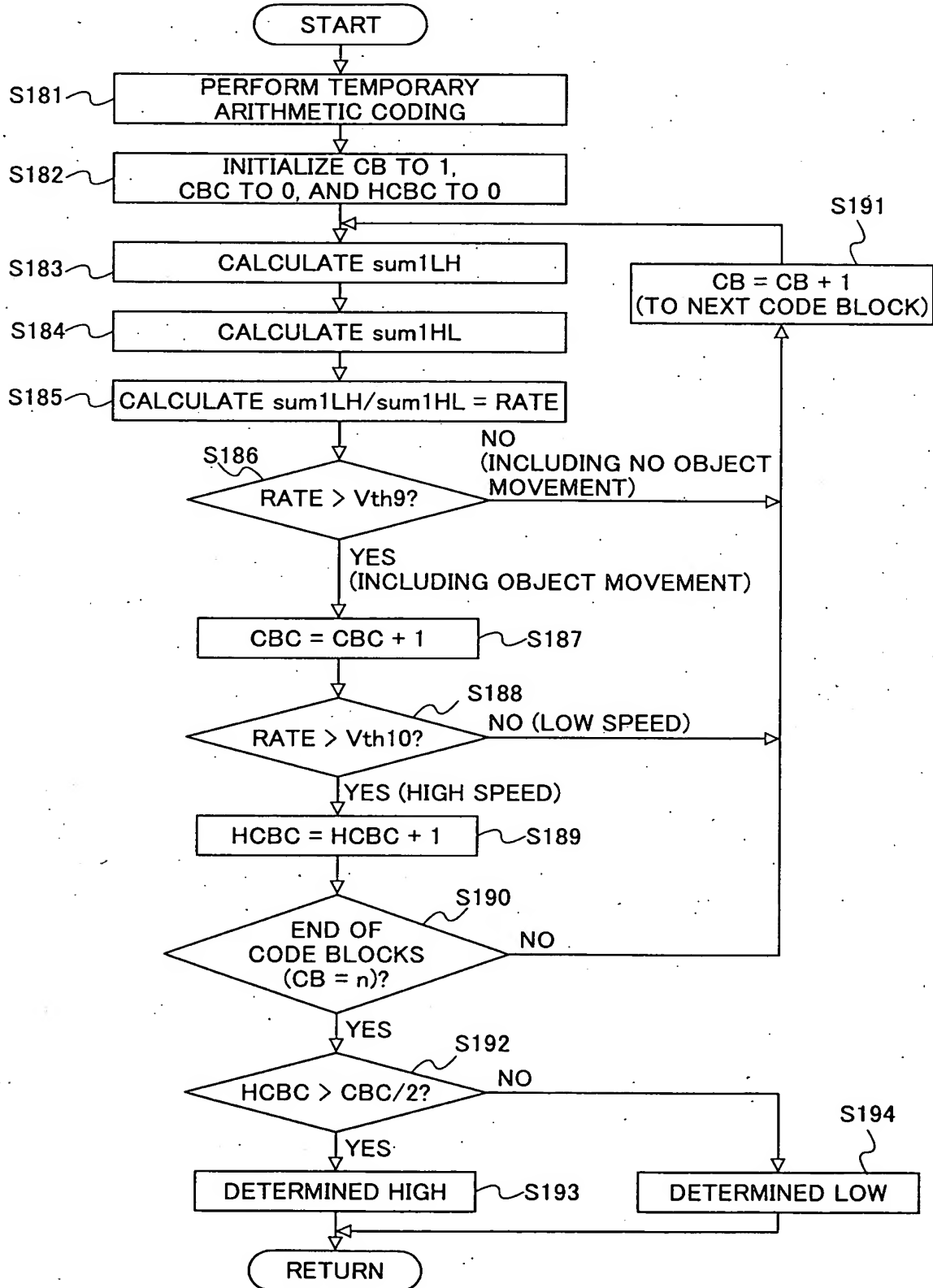


FIG.18

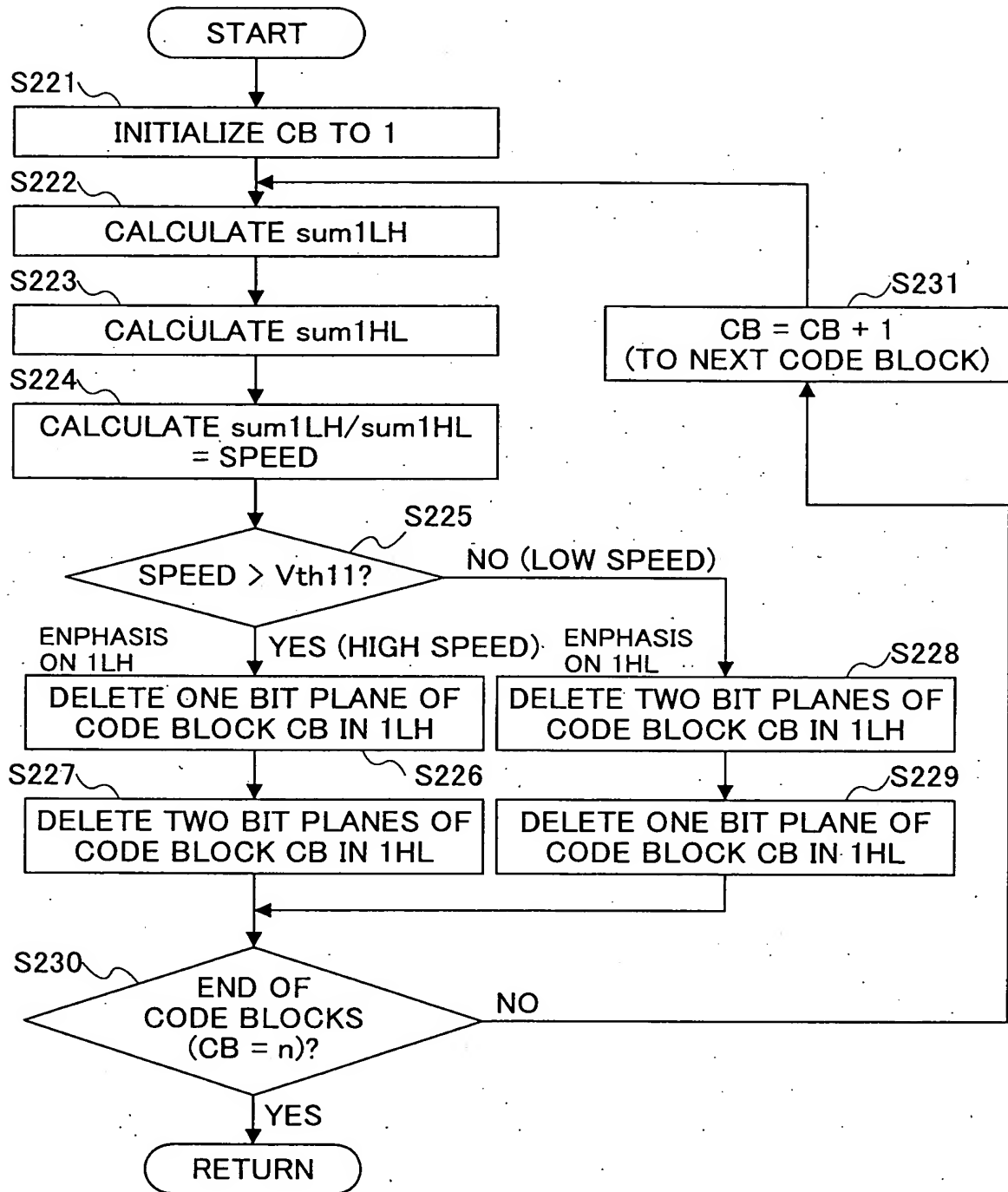


FIG.19B

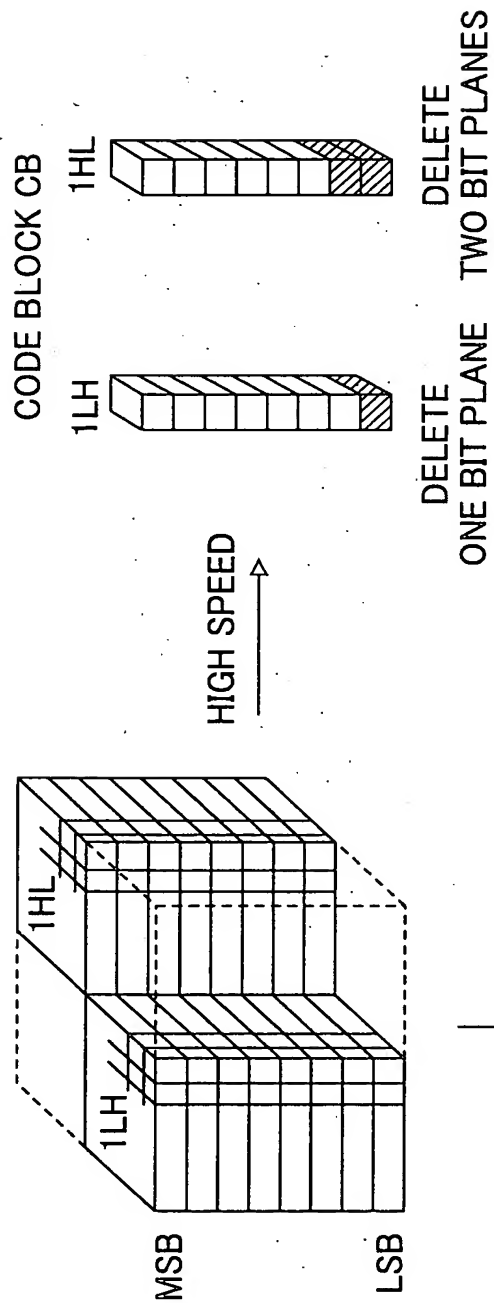


FIG.19A

LOW SPEED

FIG.19C

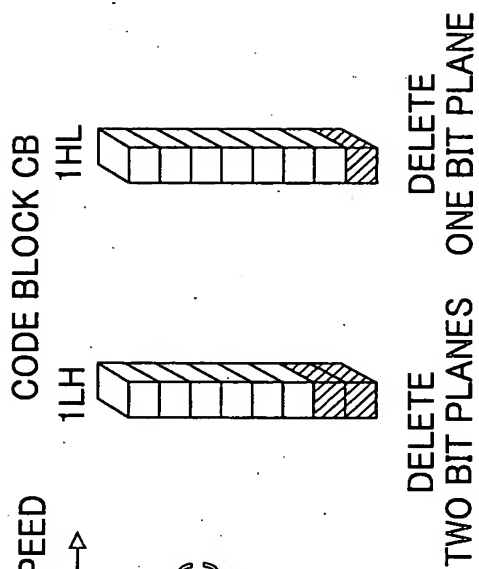


FIG.20

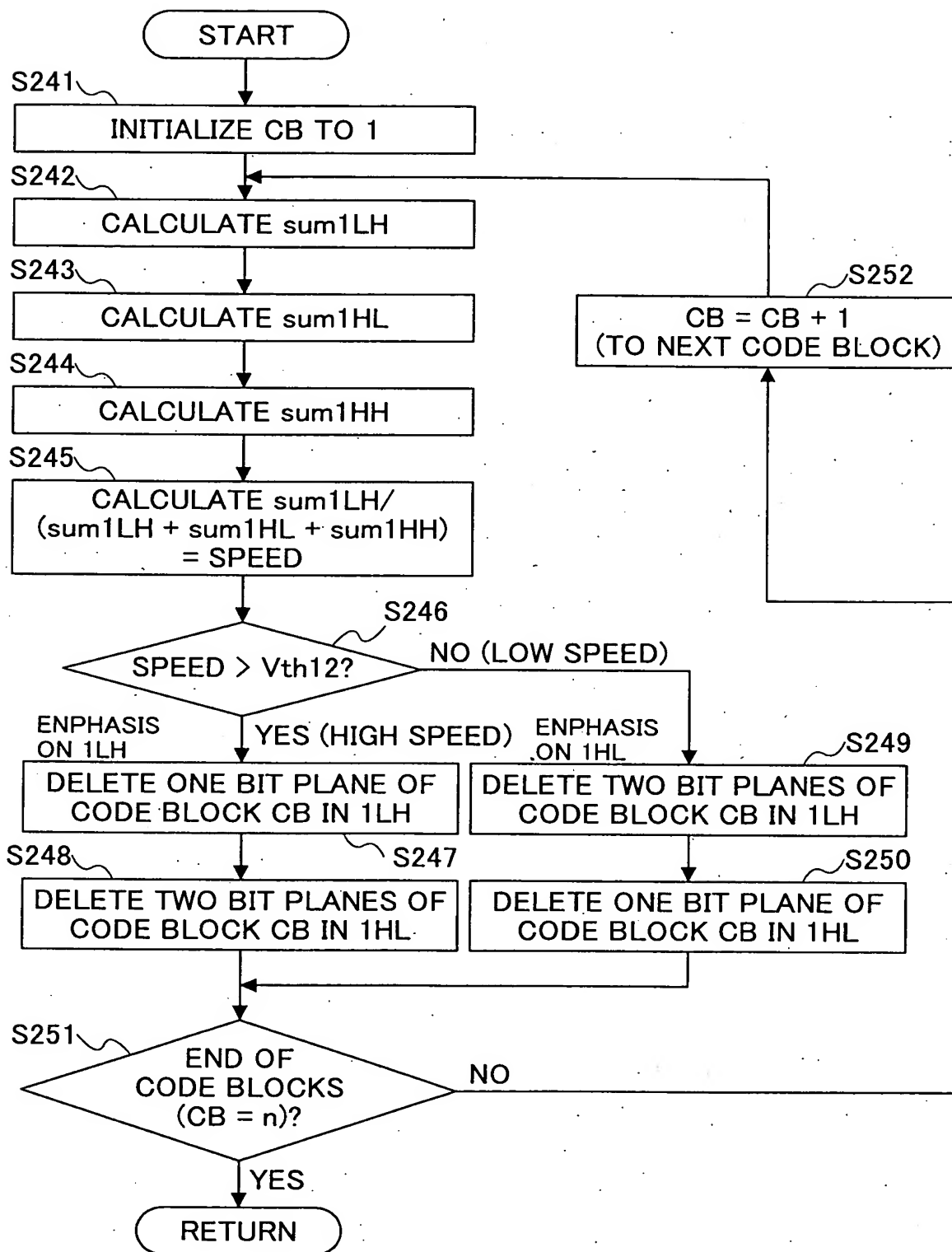


FIG.21

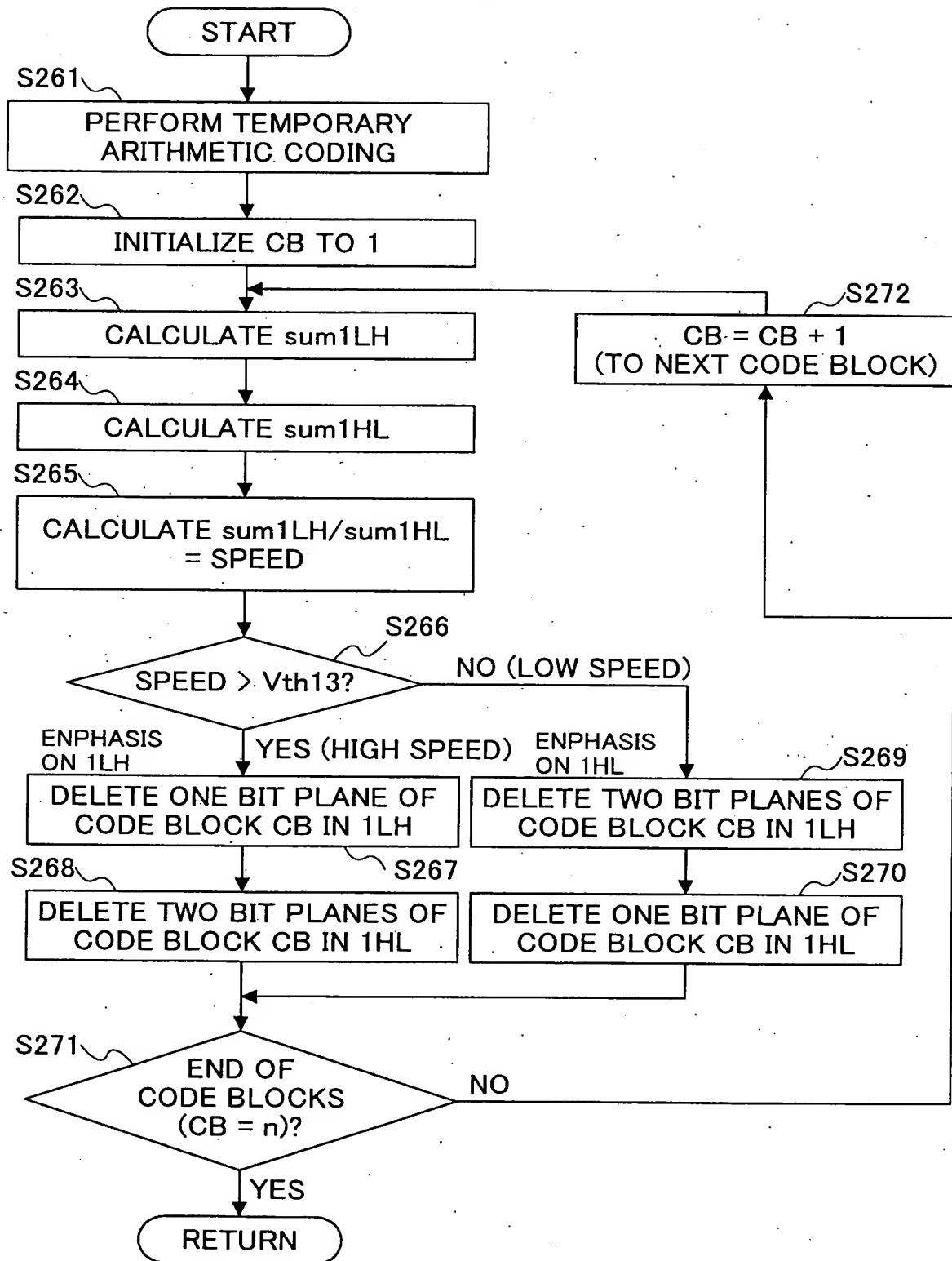


FIG.22

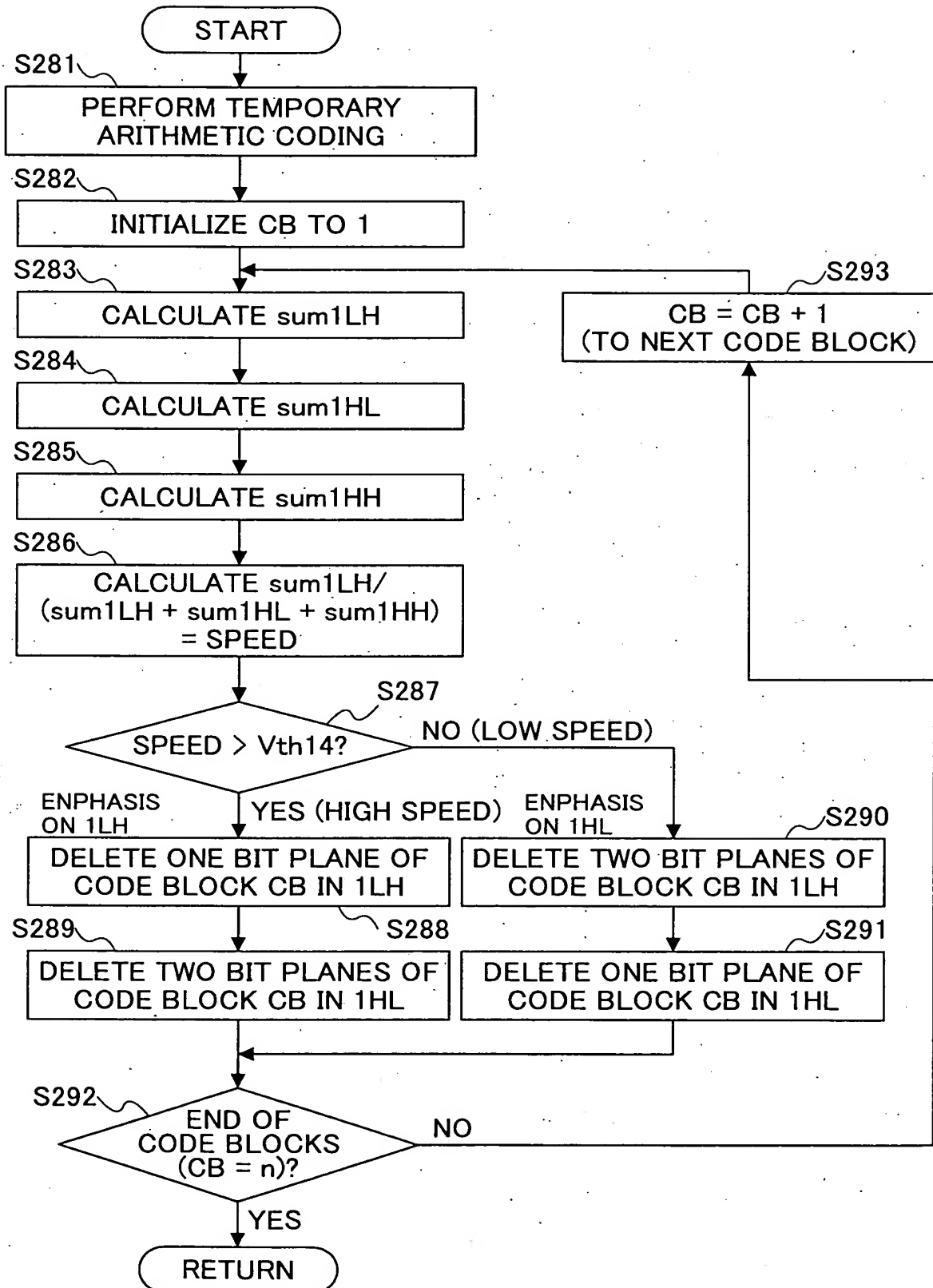


FIG.23

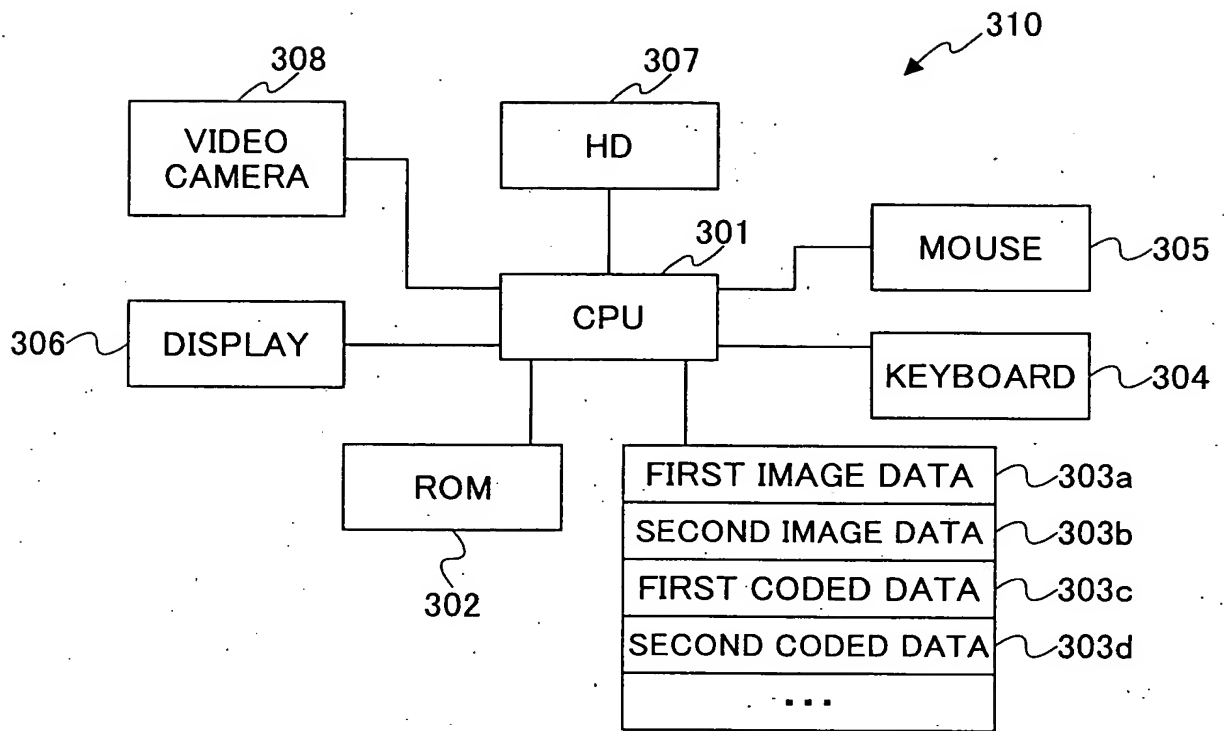


FIG.24

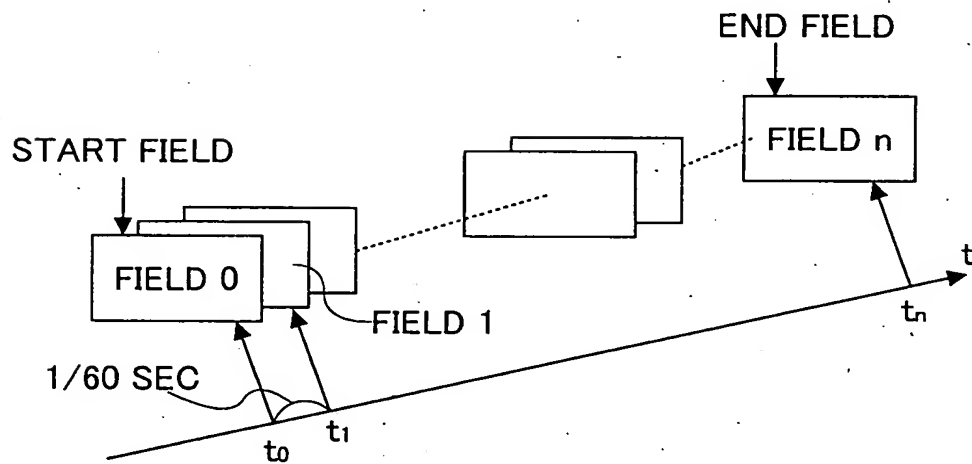
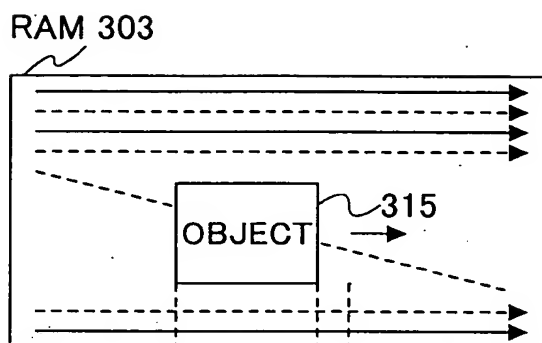


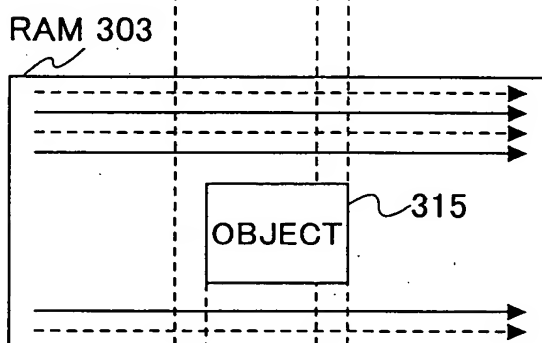
FIG.25A



WRITING DATA OF
INTERLACE IMAGE A
(FIELD)

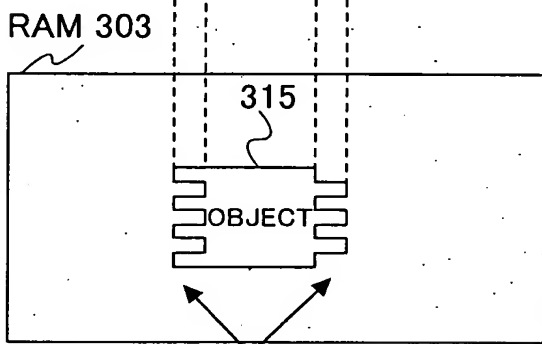
1/60 SEC LATER

FIG.25B



WRITING DATA OF
INTERLACE IMAGE B
(FIELD)

FIG.25C



COMPLETION OF DATA
OF NON-INTERLACED
IMAGE
(FRAME)
(INTERLACED IMAGE A
+
INTERLACED IMAGE B)

COMB-SHAPED OFFSET

FIG.25D

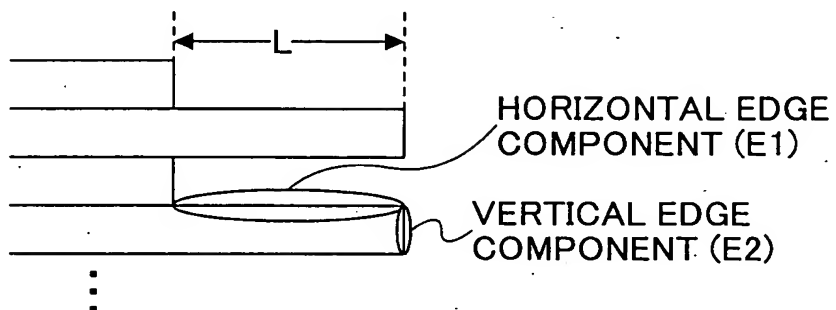


FIG.26

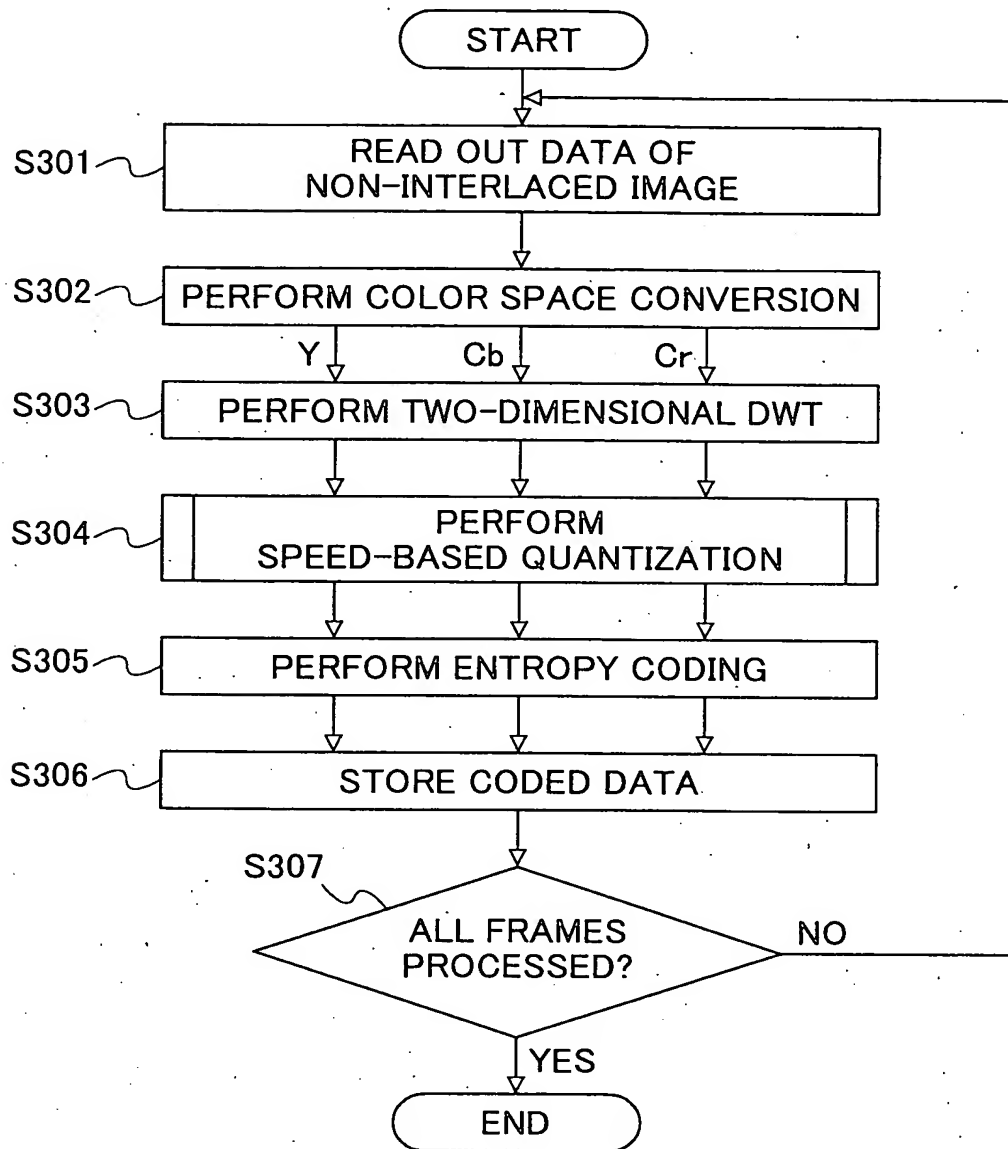


FIG.27

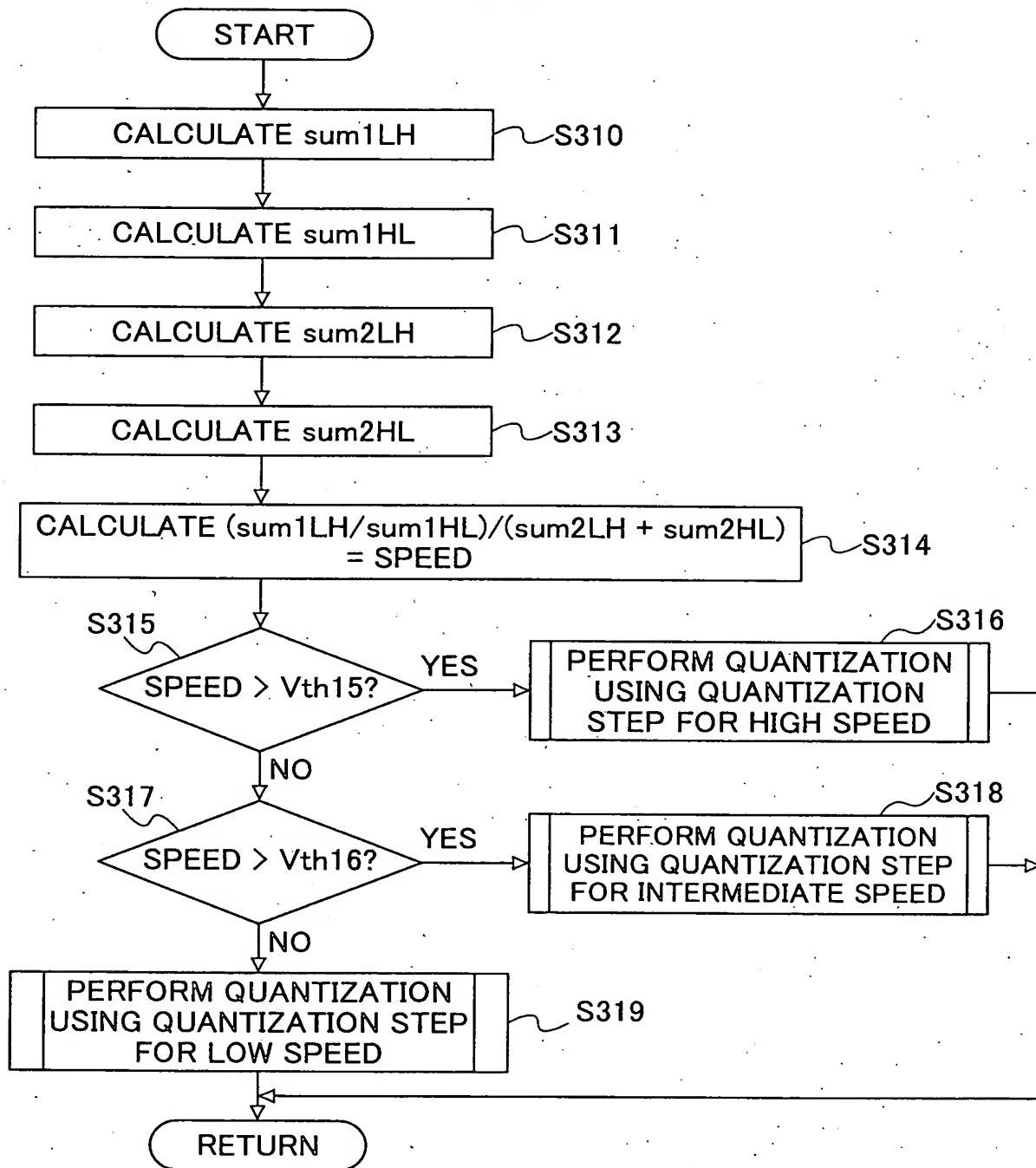


FIG.28

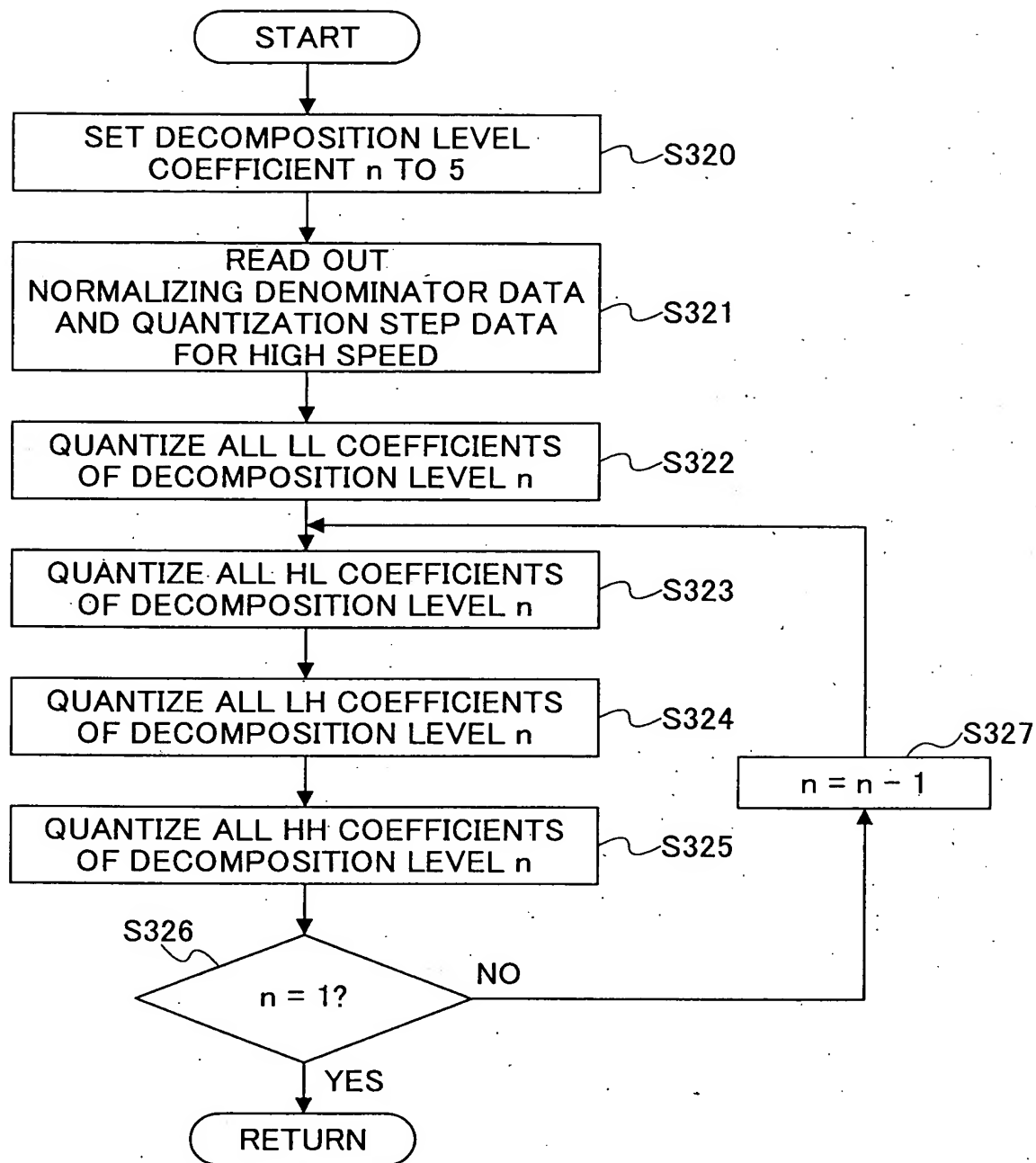


FIG.29A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.28	0.58	1.14
LH	0.07	0.14	0.28	0.58	1.14
HH	0.13	0.27	0.56	1.19	2.22

FIG.29B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.06	0.13	0.26	0.55	1.10
LH	0.06	0.13	0.26	0.55	1.10
HH	0.13	0.26	0.53	1.15	2.13

FIG.29C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.07	0.15	0.30	0.64	1.26
LH	0.07	0.15	0.30	0.64	1.26
HH	0.15	0.30	0.61	1.31	2.44

FIG.30A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	1.00	1.00	0.76
LH	1.00	1.00	1.00	1.00	0.76
HH	1.00	1.00	1.00	1.00	0.57

FIG.30B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.88	0.79	0.65	0.45	0.23
LH	0.88	0.79	0.65	0.45	0.23
HH	0.83	0.71	0.53	0.31	0.11

FIG.30C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.91	0.84	0.73	0.55	0.34
LH	0.91	0.84	0.73	0.55	0.34
HH	0.87	0.78	0.63	0.42	0.20

FIG.31A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.28	0.58	1.51
LH	0.07	0.14	0.28	0.58	1.51
HH	0.13	0.27	0.56	1.20	3.87

FIG.31B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.16	0.41	1.23	4.75
LH	0.07	0.16	0.41	1.23	4.75
HH	0.15	0.36	1.00	3.71	18.72

FIG.31C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.08	0.18	0.42	1.15	3.74
LH	0.08	0.18	0.42	1.15	3.74
HH	0.17	0.38	0.98	3.14	12.19

FIG.32A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	1.00	0.86	0.31
LH	1.00	1.00	1.00	0.86	0.31
HH	1.00	1.00	1.00	0.74	0.11

FIG.32B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.82	0.69	0.50	0.28	0.10
LH	0.82	0.69	0.50	0.28	0.10
HH	0.75	0.58	0.36	0.15	0.03

FIG.32C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.86	0.76	0.60	0.39	0.18
LH	0.86	0.76	0.60	0.39	0.18
HH	0.80	0.67	0.47	0.25	0.08

FIG.33A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.28	0.67	3.72
LH	0.07	0.14	0.28	0.67	3.72
HH	0.13	0.27	0.56	1.61	20.38

FIG.33B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.08	0.19	0.53	1.98	11.20
LH	0.08	0.19	0.53	1.98	11.20
HH	0.17	0.44	1.47	7.52	68.31

FIG.33C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.09	0.20	0.51	1.64	7.08
LH	0.09	0.20	0.51	1.64	7.08
HH	0.18	0.44	1.30	5.29	31.68

FIG.34A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	0.92	0.41	0.04
LH	1.00	1.00	0.92	0.41	0.04
HH	1.00	1.00	0.85	0.18	0.00

FIG.34B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.72	0.54	0.32	0.12	0.02
LH	0.72	0.54	0.32	0.12	0.02
HH	0.61	0.40	0.19	0.04	0.00

FIG.34C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.78	0.63	0.43	0.21	0.06
LH	0.78	0.63	0.43	0.21	0.06
HH	0.70	0.51	0.29	0.10	0.01

FIG.35A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.30	1.41	29.66
LH	0.07	0.14	0.30	1.41	29.66
HH	0.13	0.27	0.65	6.53	721.86

FIG.35B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.09	0.24	0.83	4.47	47.00
LH	0.09	0.24	0.83	4.47	47.00
HH	0.21	0.64	2.87	25.62	624.05

FIG.35C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.09	0.24	0.71	3.01	20.85
LH	0.09	0.24	0.71	3.01	20.85
HH	0.21	0.58	2.13	13.06	163.15

FIG.36A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	1.00	1.00	0.76
LH	1.00	1.00	1.00	1.00	1.00
HH	1.00	1.00	1.00	1.00	0.57

FIG.36B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.88	0.79	0.65	0.45	0.23
LH	0.88	0.79	0.65	0.53	0.45
HH	0.83	0.71	0.53	0.31	0.11

FIG.36C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.91	0.84	0.73	0.55	0.34
LH	0.91	0.84	0.73	0.63	0.55
HH	0.87	0.78	0.63	0.42	0.20

FIG.37A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.28	0.58	1.51
LH	0.07	0.14	0.28	0.58	1.14
HH	0.13	0.27	0.56	1.20	3.87

FIG.37B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.16	0.41	1.23	4.75
LH	0.07	0.16	0.41	1.04	2.43
HH	0.15	0.36	1.00	3.71	18.72

FIG.37C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.08	0.18	0.42	1.15	3.74
LH	0.08	0.18	0.42	1.02	2.27
HH	0.17	0.38	0.98	3.14	12.19

FIG.38A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	1.00	0.86	0.31
LH	1.00	1.00	1.00	1.00	0.86
HH	1.00	1.00	1.00	0.74	0.11

FIG.38B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.82	0.69	0.50	0.28	0.10
LH	0.82	0.69	0.50	0.36	0.28
HH	0.75	0.58	0.36	0.15	0.03

FIG.38C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.86	0.76	0.60	0.39	0.18
LH	0.86	0.76	0.60	0.47	0.39
HH	0.80	0.67	0.47	0.25	0.08

FIG.39A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.28	0.67	3.72
LH	0.07	0.14	0.28	0.58	1.32
HH	0.13	0.27	0.56	1.61	20.38

FIG.39B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.08	0.19	0.53	1.98	11.20
LH	0.08	0.19	0.53	1.53	3.91
HH	0.17	0.44	1.47	7.52	68.31

FIG.39C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.09	0.20	0.51	1.64	7.08
LH	0.09	0.20	0.51	1.35	3.23
HH	0.18	0.44	1.30	5.29	31.68

FIG.40A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	1.00	1.00	0.92	0.41	0.04
LH	1.00	1.00	0.92	0.85	0.41
HH	1.00	1.00	0.85	0.18	0.00

FIG.40B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.72	0.54	0.32	0.12	0.02
LH	0.72	0.54	0.32	0.19	0.12
HH	0.61	0.40	0.19	0.04	0.00

FIG.40C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	1.00				
HL	0.78	0.63	0.43	0.21	0.06
LH	0.78	0.63	0.43	0.29	0.21
HH	0.70	0.51	0.29	0.10	0.01

FIG.41A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.07	0.14	0.30	1.41	29.66
LH	0.07	0.14	0.30	0.68	2.78
HH	0.13	0.27	0.65	6.53	721.86

FIG.41B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.03				
HL	0.09	0.24	0.83	4.47	47.00
LH	0.09	0.24	0.83	2.99	8.83
HH	0.21	0.64	2.87	25.62	624.05

FIG.41C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0.04				
HL	0.09	0.24	0.71	3.01	20.85
LH	0.09	0.24	0.71	2.21	5.93
HH	0.21	0.58	2.13	13.06	163.15

FIG.42

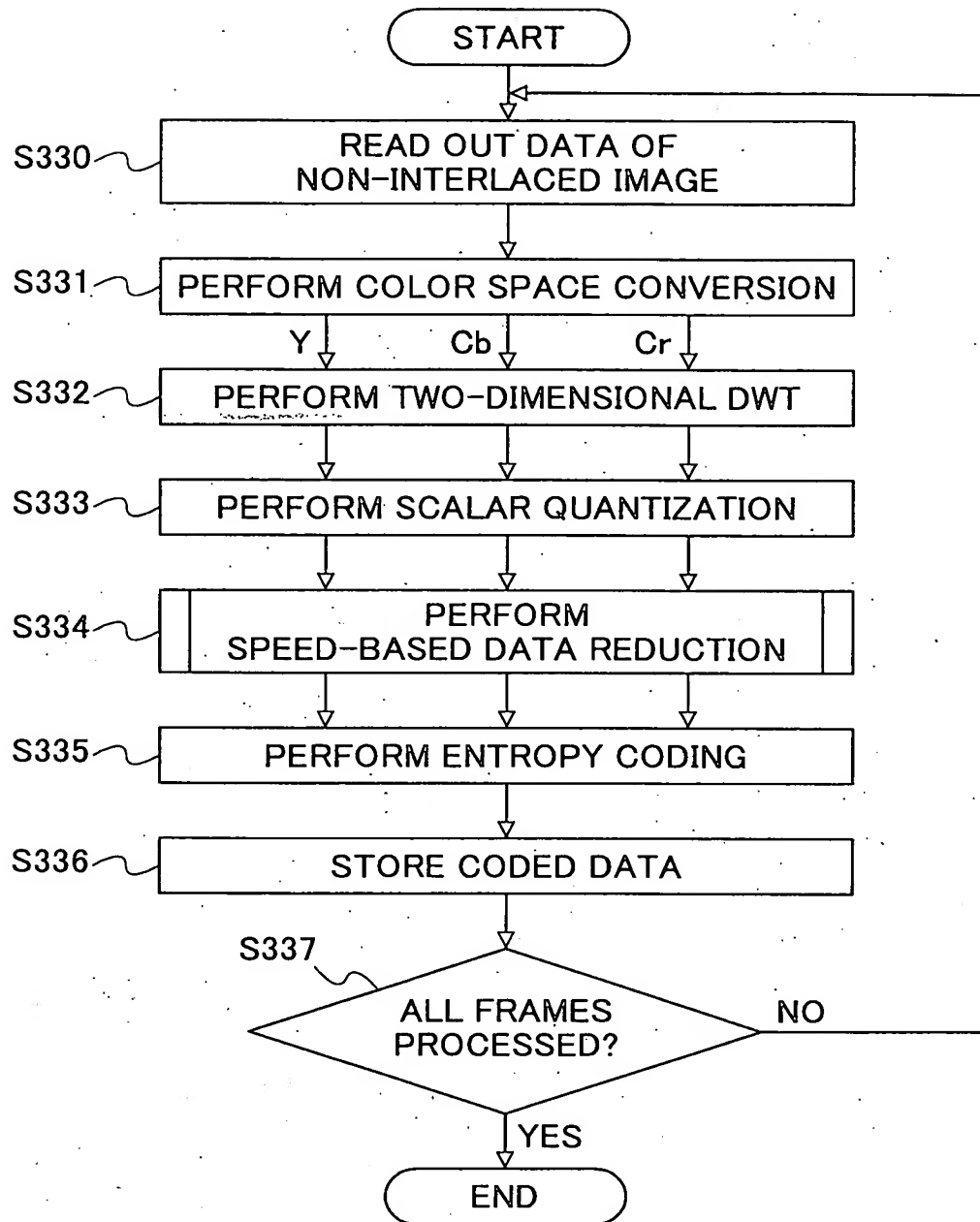


FIG.43

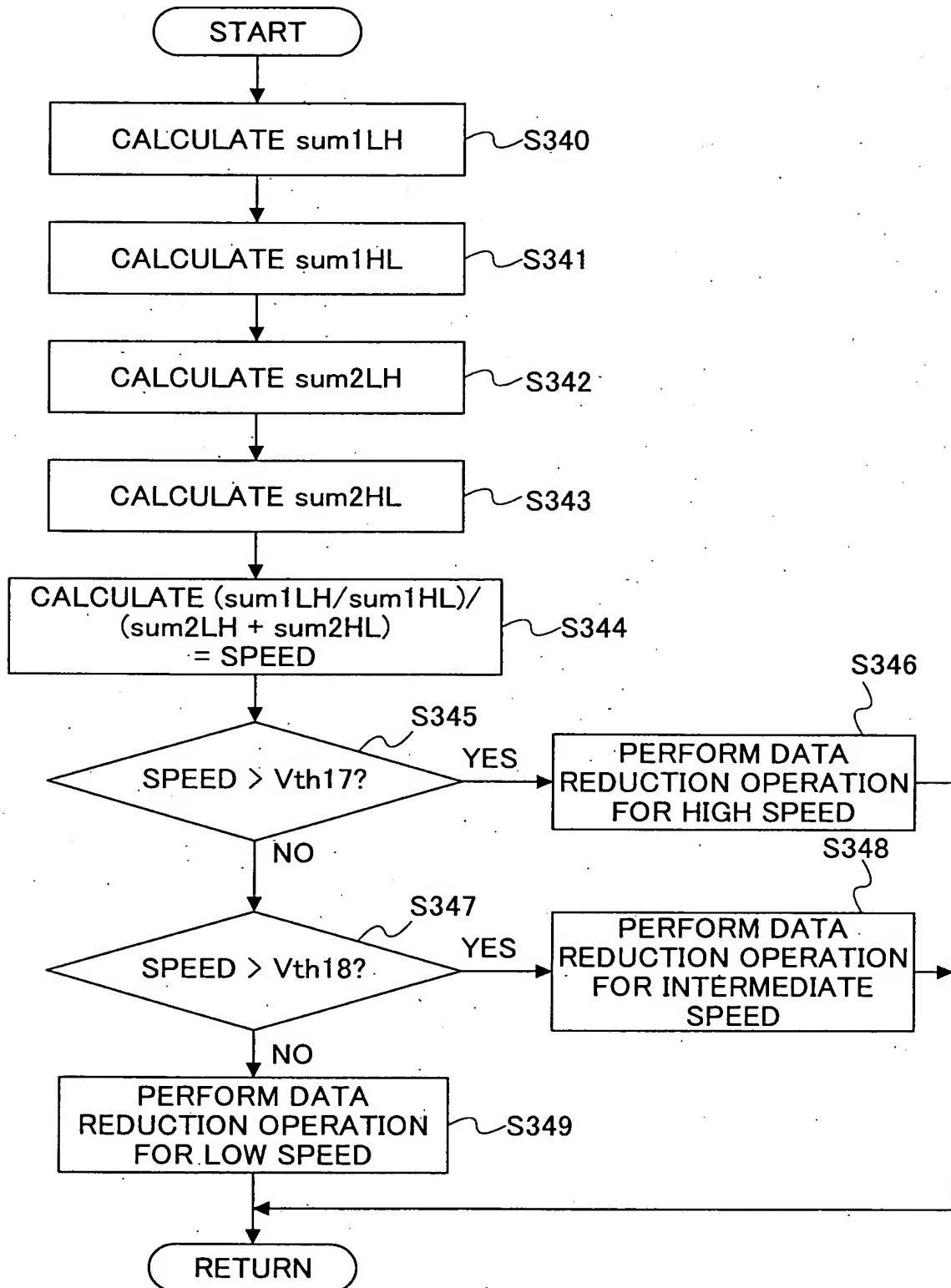


FIG. 44

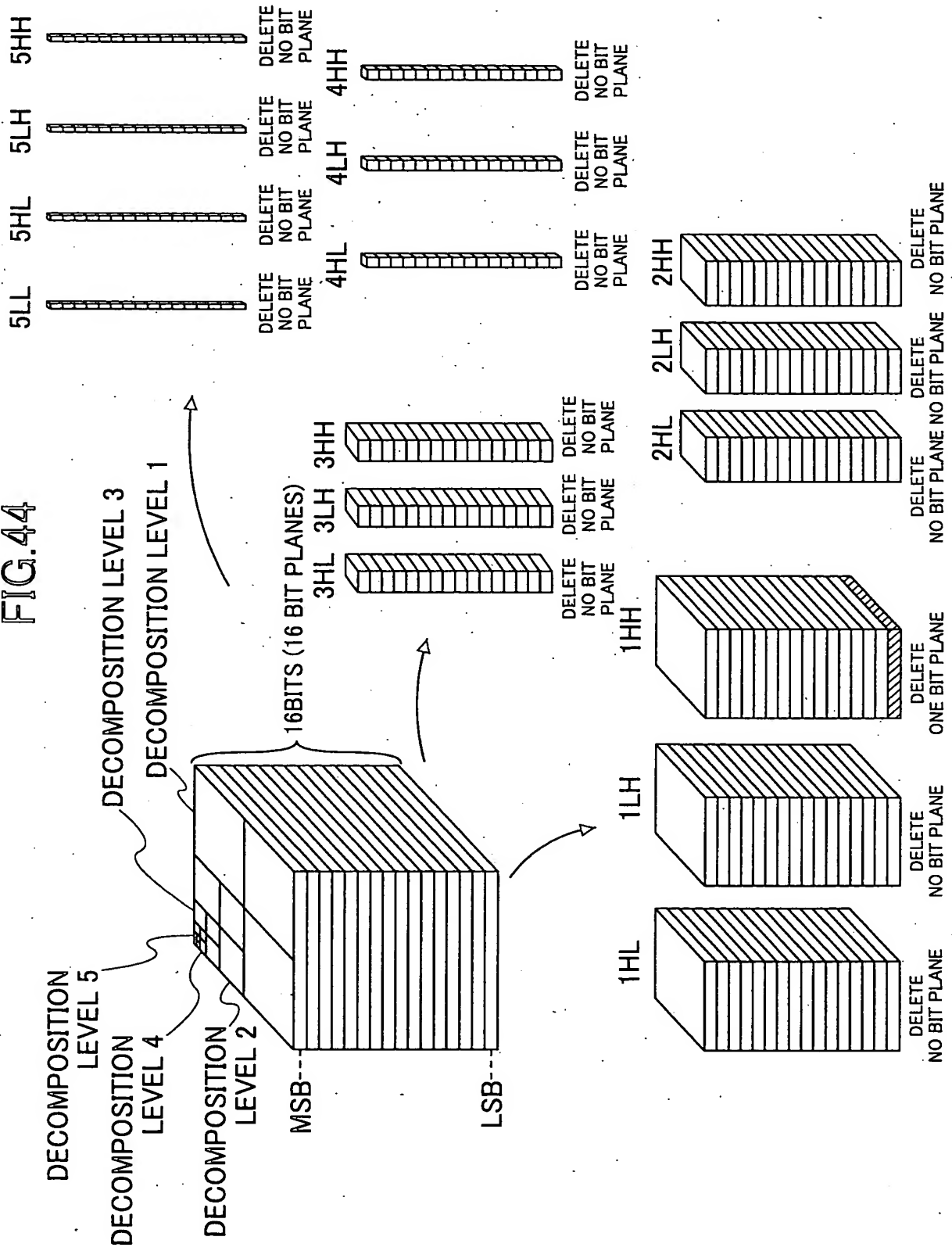


FIG.45A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	0	0
LH	0	0	0	0	0
HH	0	0	0	0	1

FIG.45B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	1	1	2
LH	0	0	1	1	2
HH	0	0	1	2	3

FIG.45C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	1	2
LH	0	0	0	1	2
HH	0	0	1	1	2

FIG.46A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	0	2
LH	0	0	0	0	2
HH	0	0	0	0	3

FIG.46B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	1	2	3
LH	0	1	1	2	3
HH	0	1	1	3	5

FIG.46C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	1	1	2
LH	0	0	1	1	2
HH	0	1	1	2	4

FIG.47A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	1	5
LH	0	0	0	1	5
HH	0	0	0	2	8

FIG.47B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	2	3	5
LH	0	1	2	3	5
HH	1	1	2	4	8

FIG.47C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	1	2	4
LH	0	1	1	2	4
HH	1	1	2	3	6

FIG.48A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	0	0
LH	0	0	0	0	0
HH	0	0	0	0	1

FIG.48B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	1	1	2
LH	0	0	1	1	1
HH	0	0	1	2	3

FIG.48C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	1	2
LH	0	0	0	1	1
HH	0	0	1	1	2

FIG.49A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	0	2
LH	0	0	0	0	0
HH	0	0	0	0	3

FIG.49B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	1	2	3
LH	0	1	1	1	2
HH	0	1	1	3	5

FIG.49C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	1	1	2
LH	0	0	1	1	1
HH	0	1	1	2	4

FIG.50A

Y	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	0	0	1	5
LH	0	0	0	0	1
HH	0	0	0	2	8

FIG.50B

Cb	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	2	3	5
LH	0	1	2	2	3
HH	1	1	2	4	8

FIG.50C

Cr	DECOMPOSITION LEVEL				
	5	4	3	2	1
LL	0				
HL	0	1	1	2	4
LH	0	1	1	2	2
HH	1	1	2	3	6

FIG.51

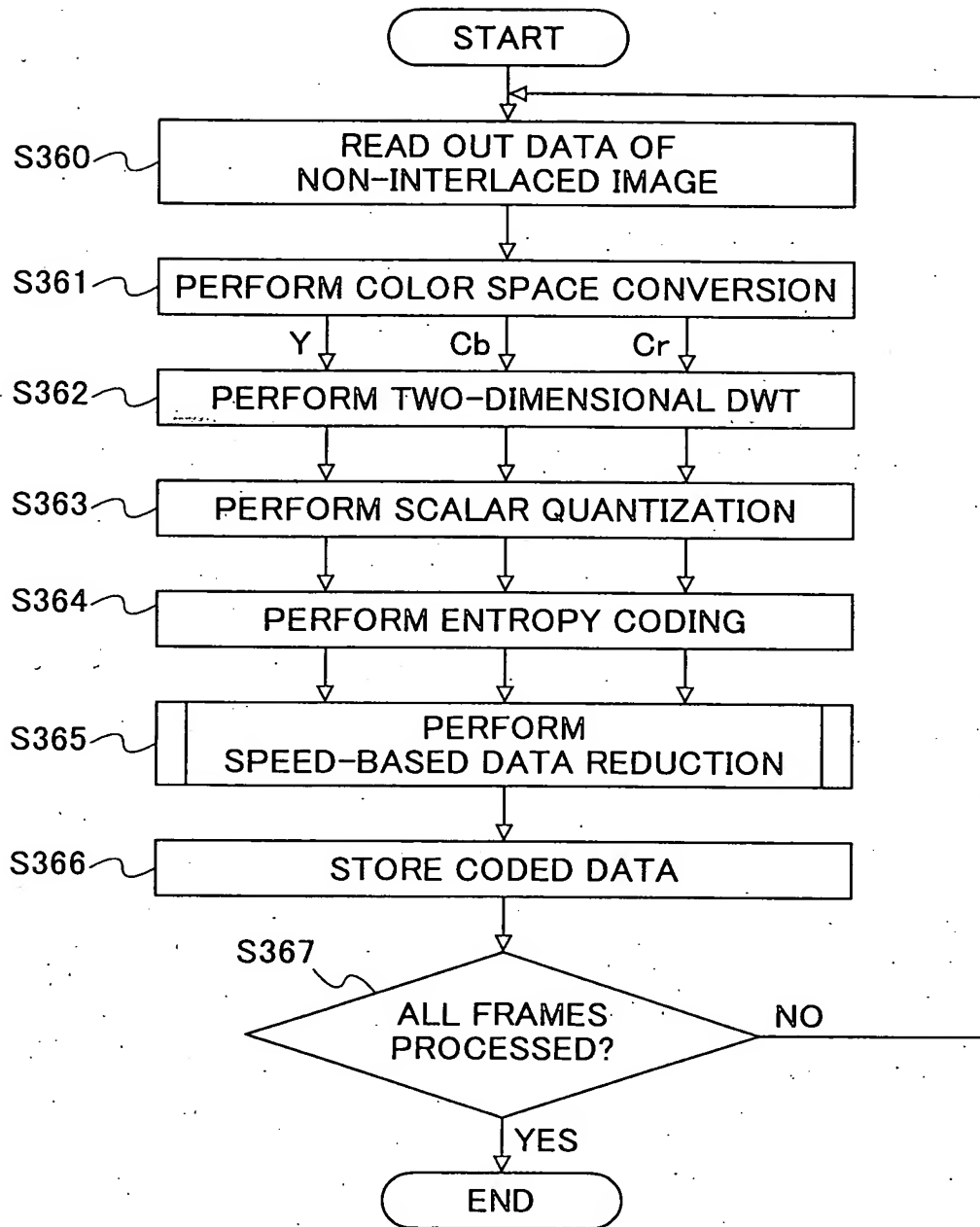


FIG.52

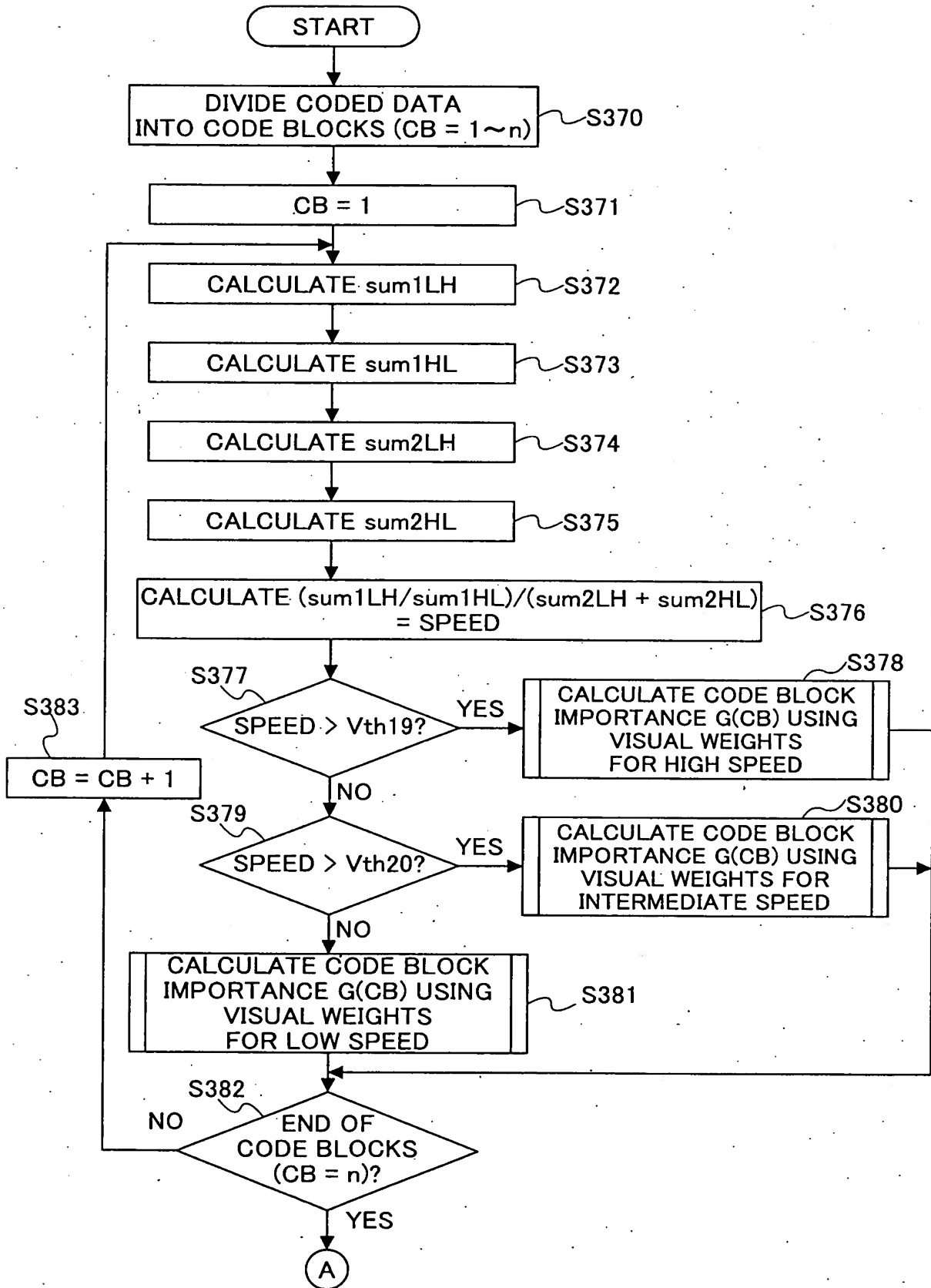


FIG.53

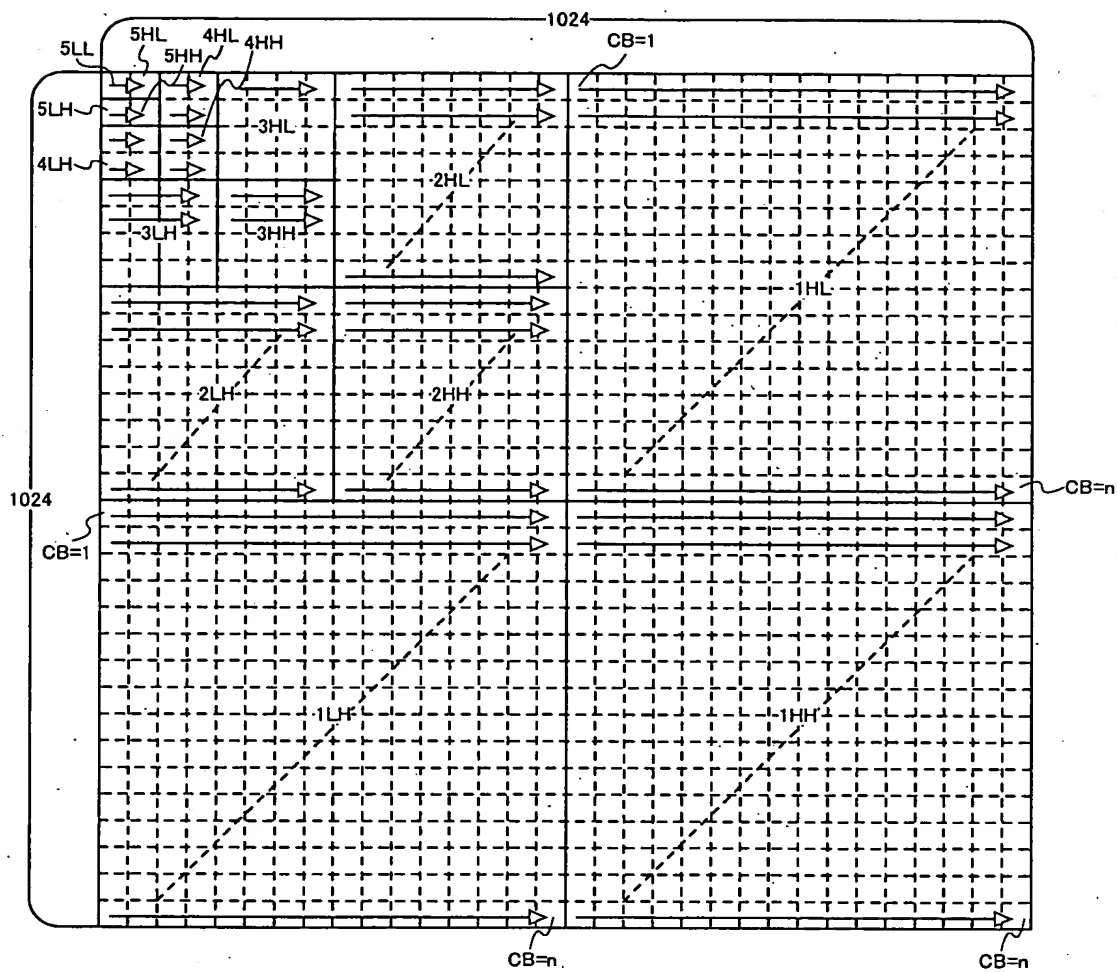


FIG.54

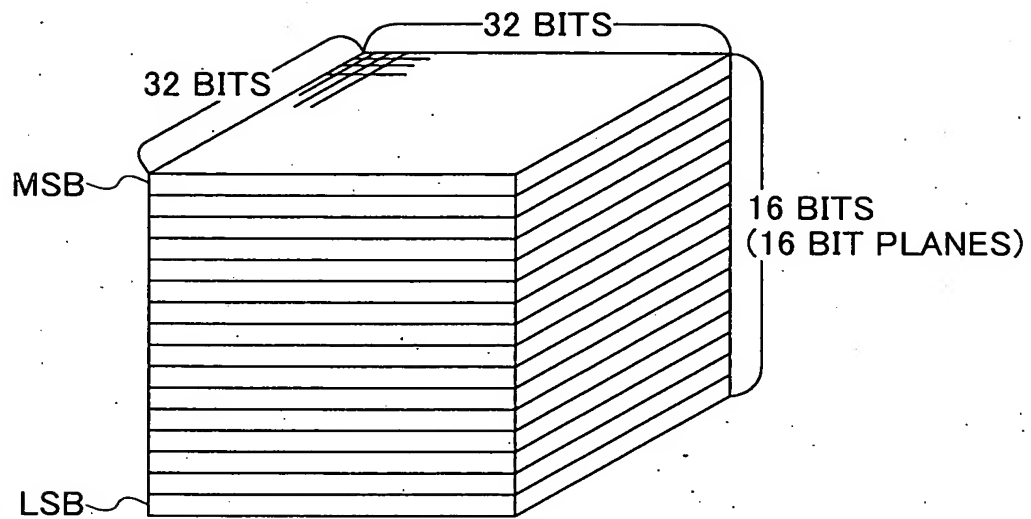


FIG.55

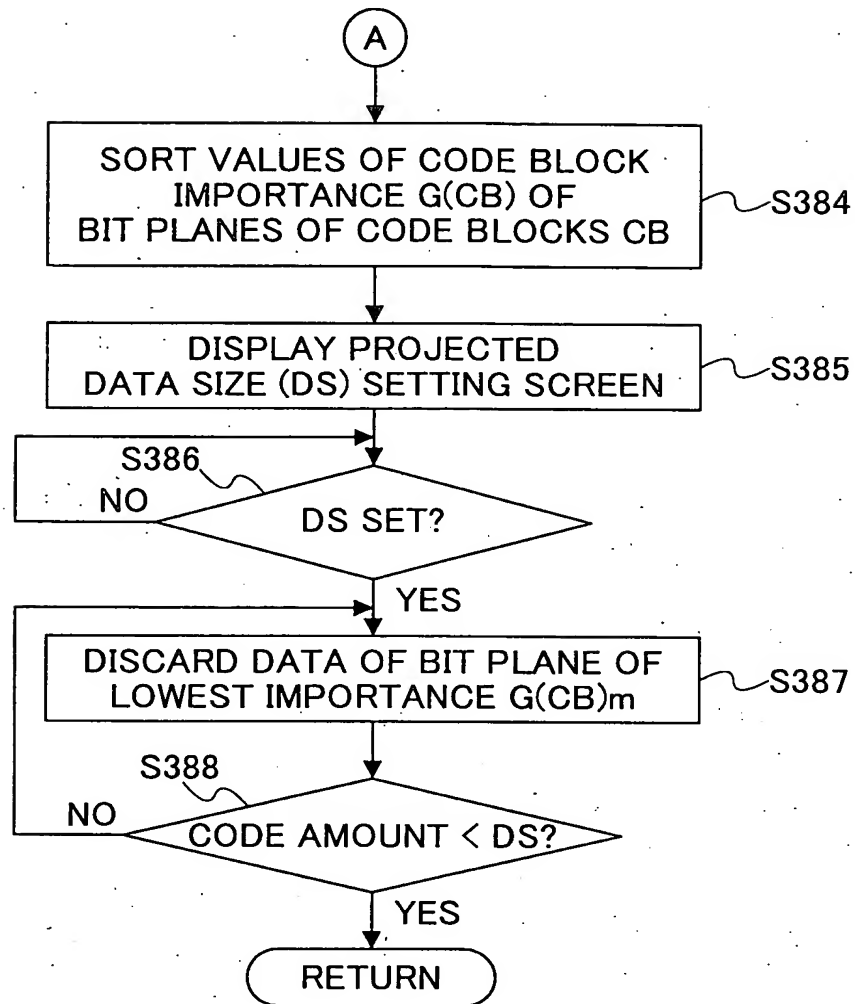


FIG.56

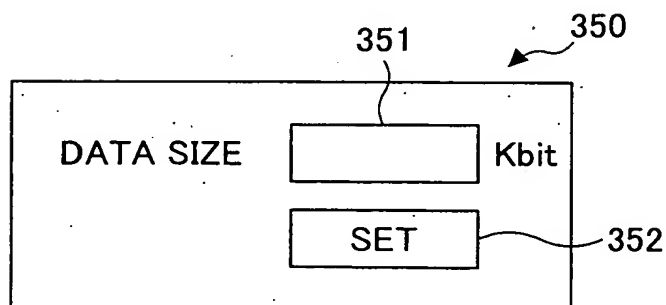


FIG.57

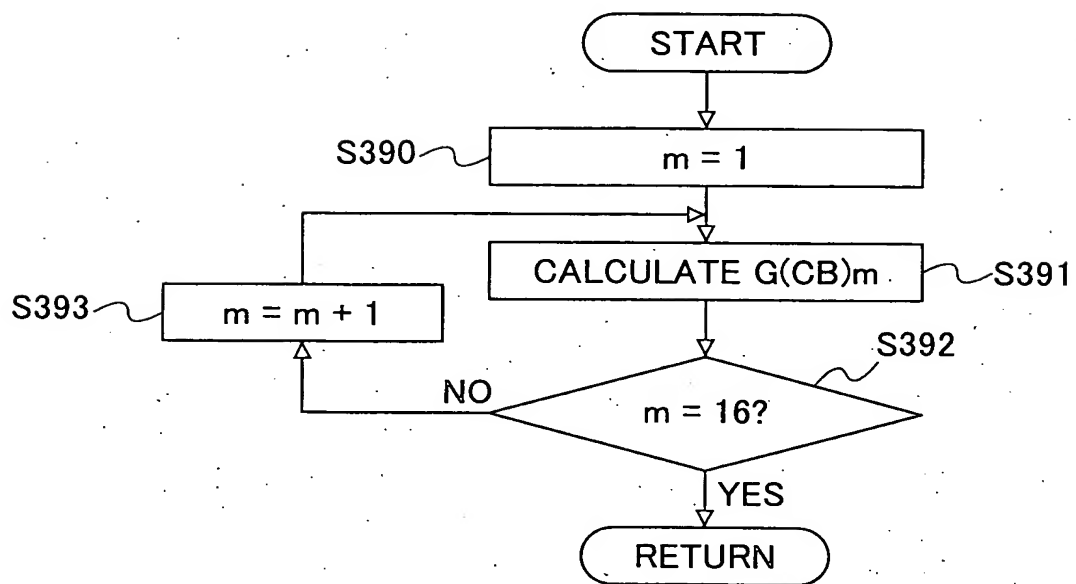


FIG. 58

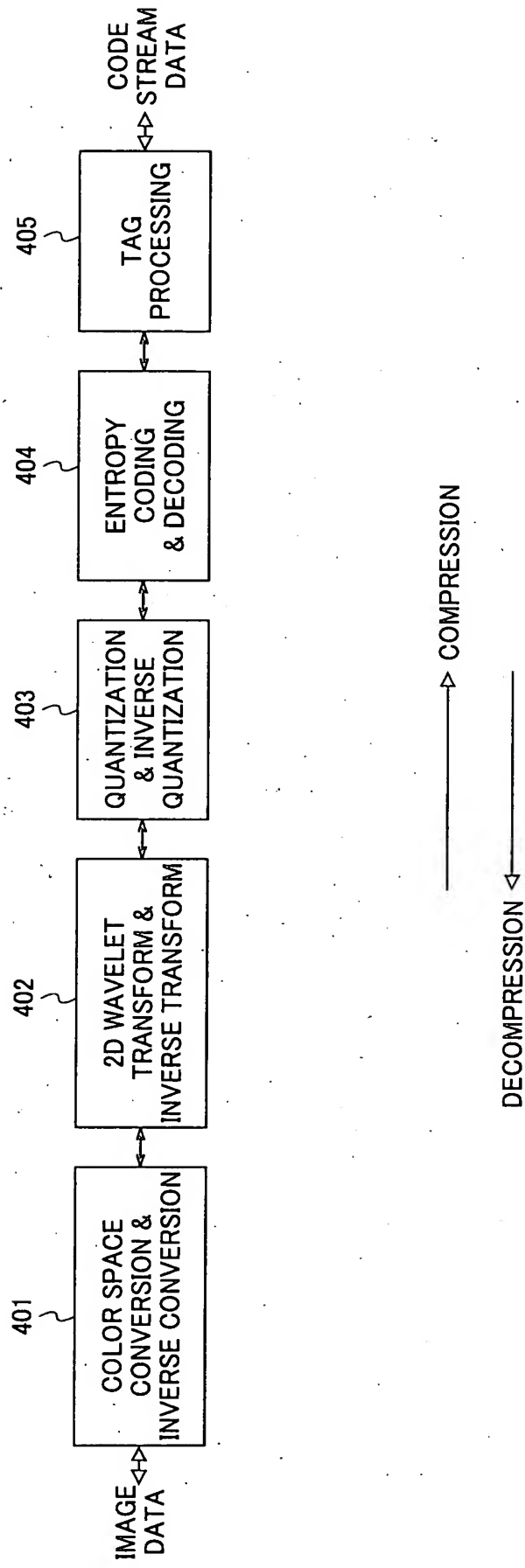


FIG.59

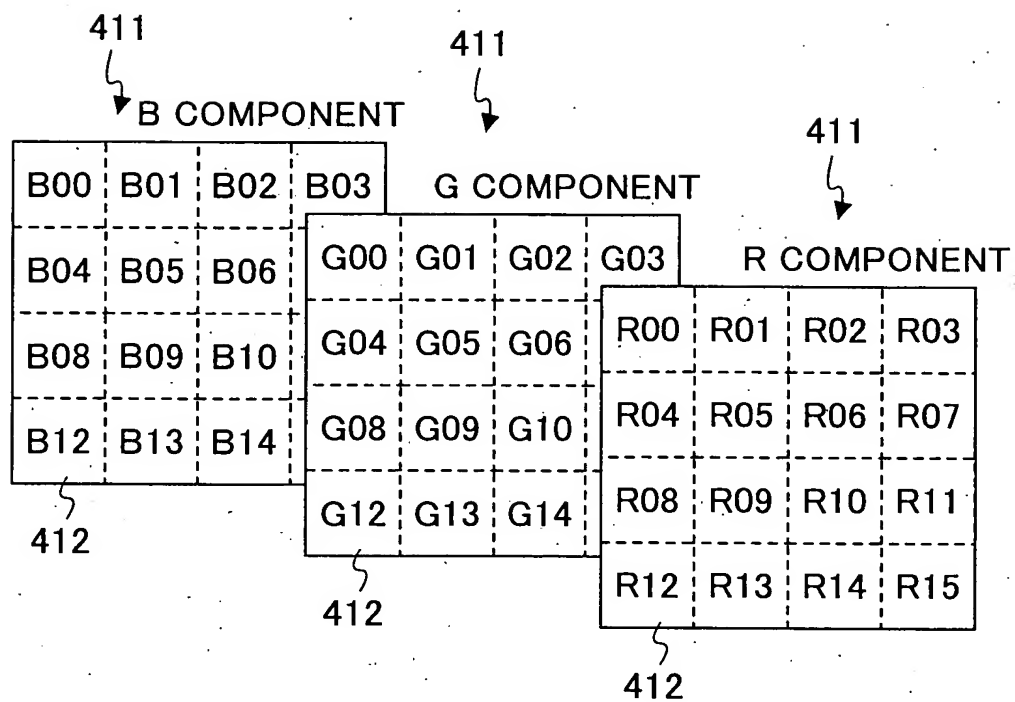
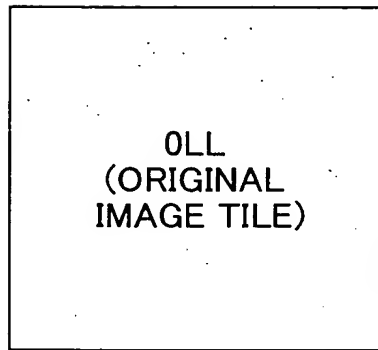
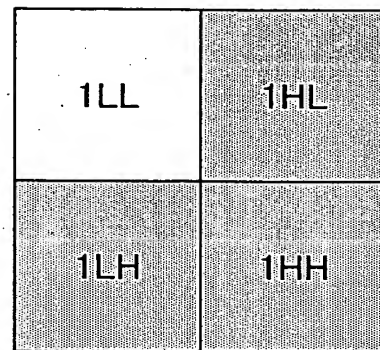


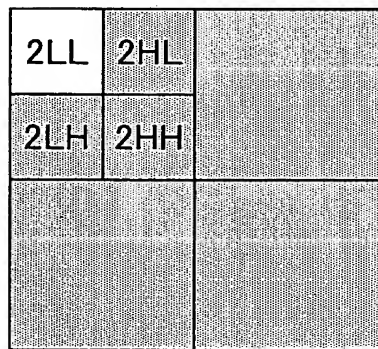
FIG.60



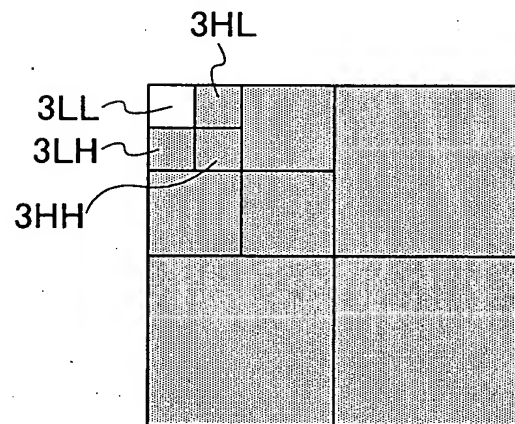
DECOMPOSITION_LEVEL_0



DECOMPOSITION_LEVEL_1



DECOMPOSITION_LEVEL_2



DECOMPOSITION_LEVEL_3

FIG.61

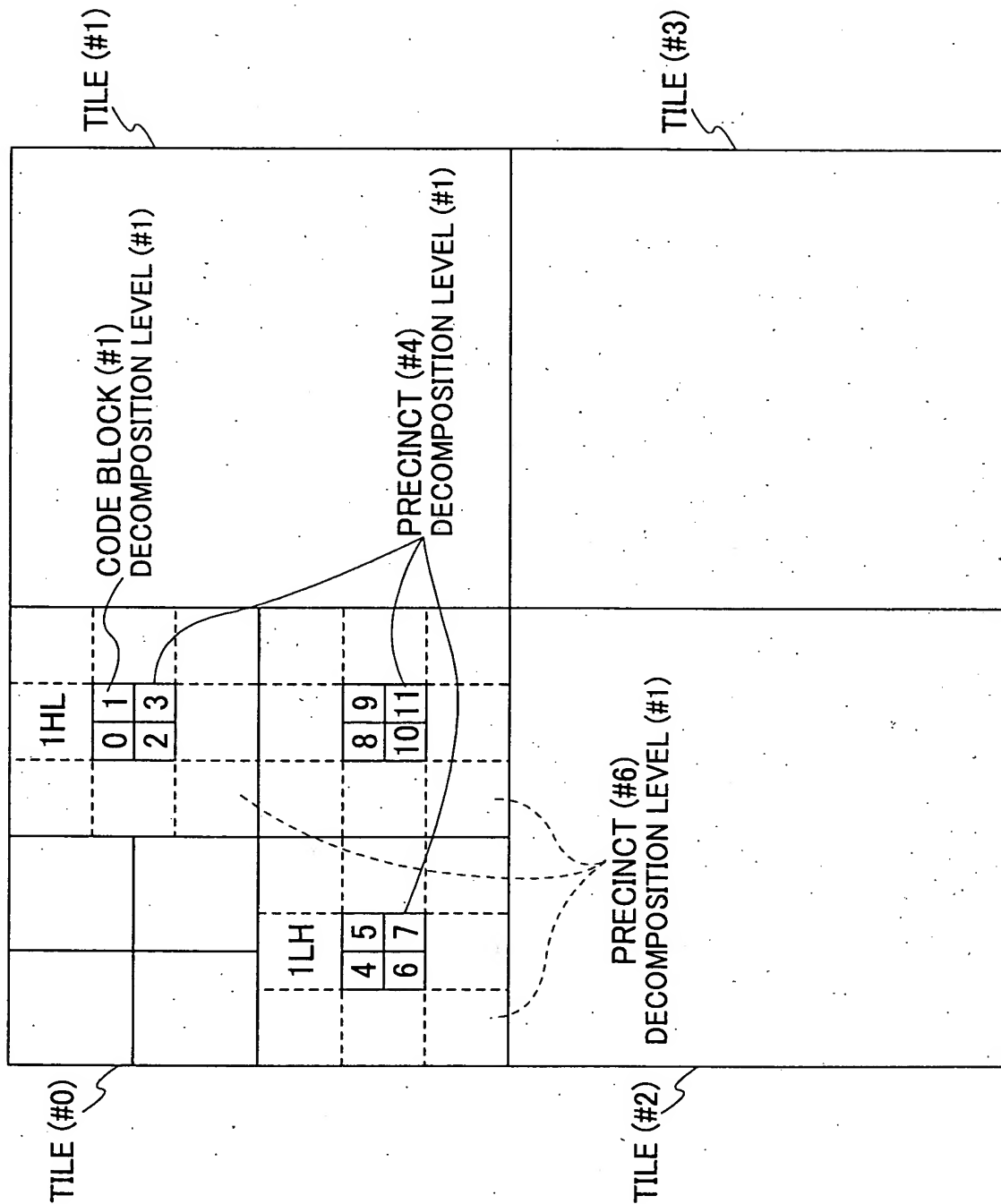


FIG.62

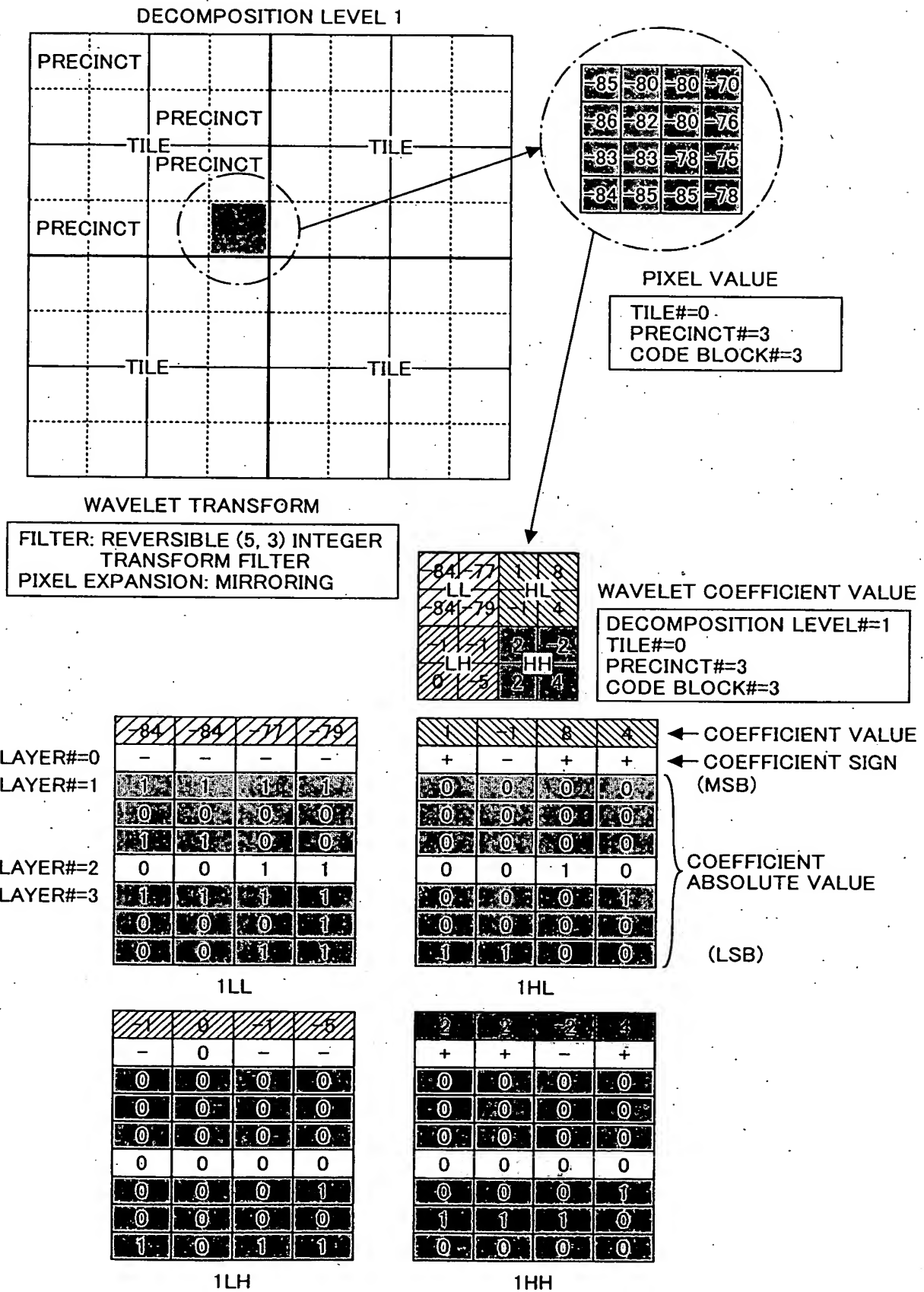


FIG.63

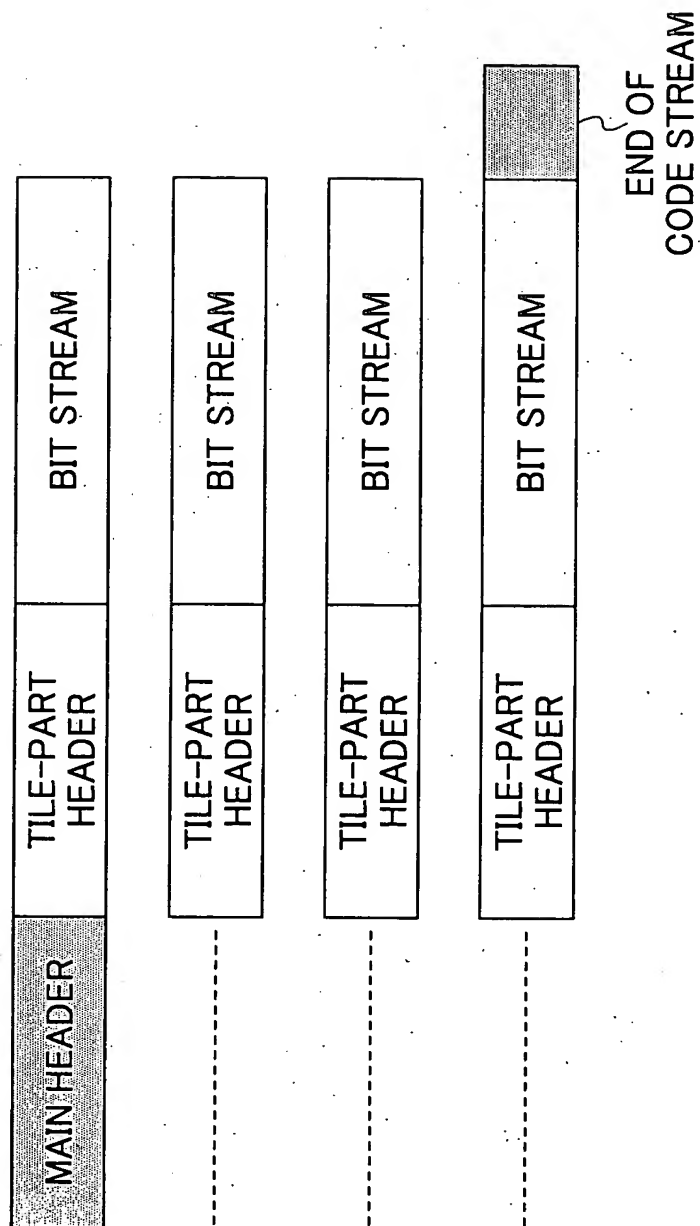


FIG.64

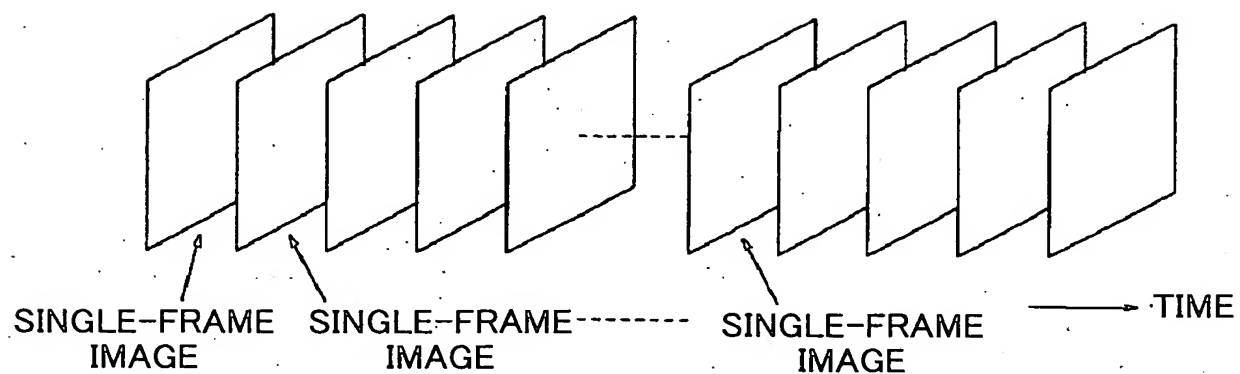


FIG.65

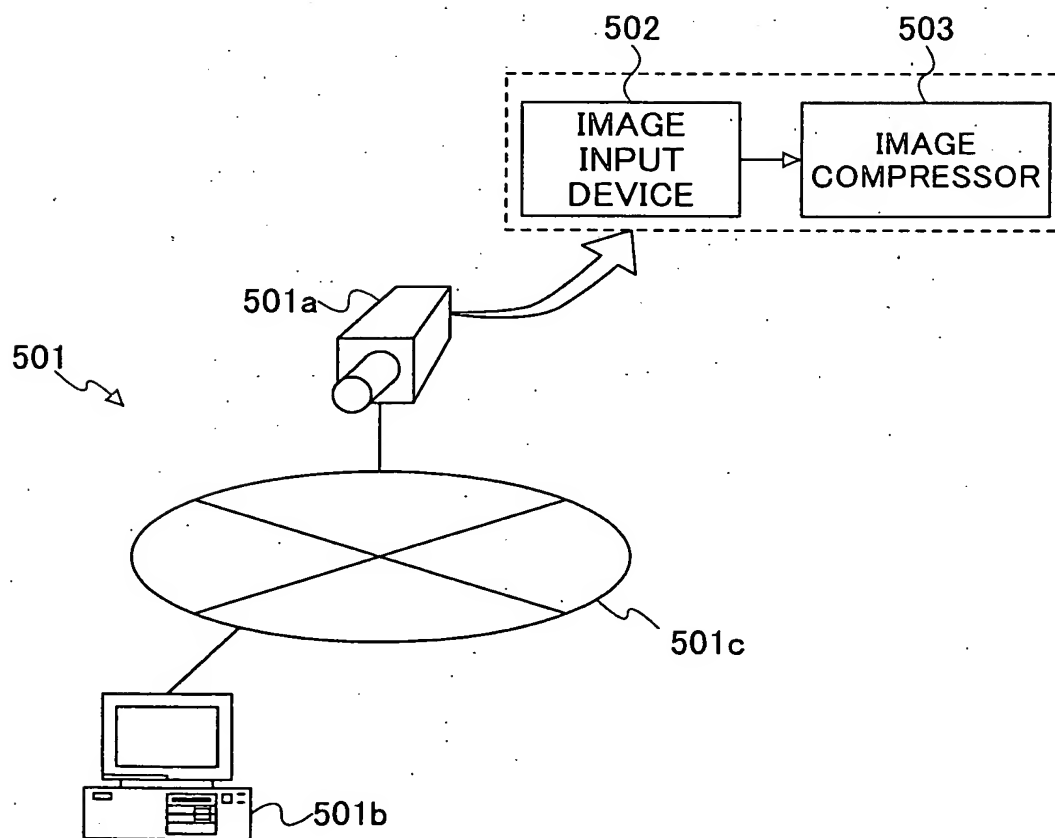


FIG.66

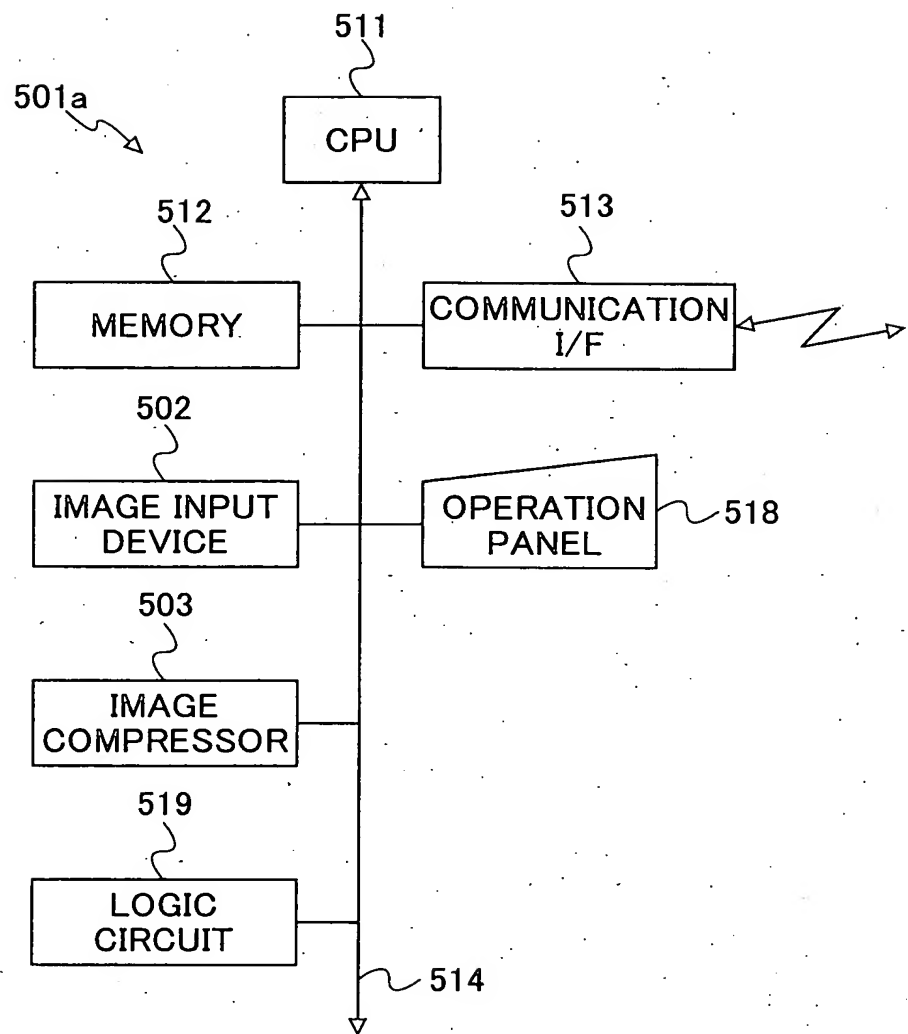


FIG. 67

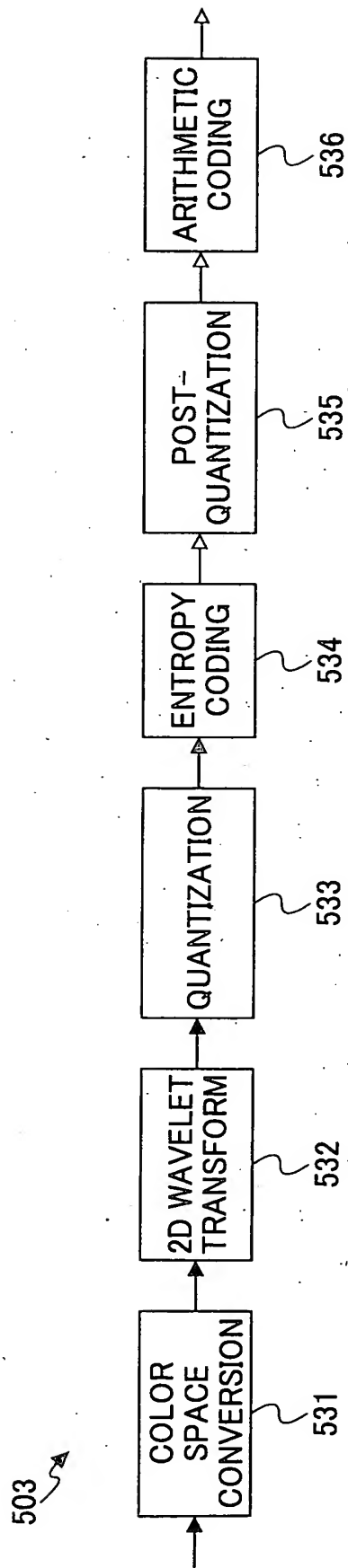


FIG.68

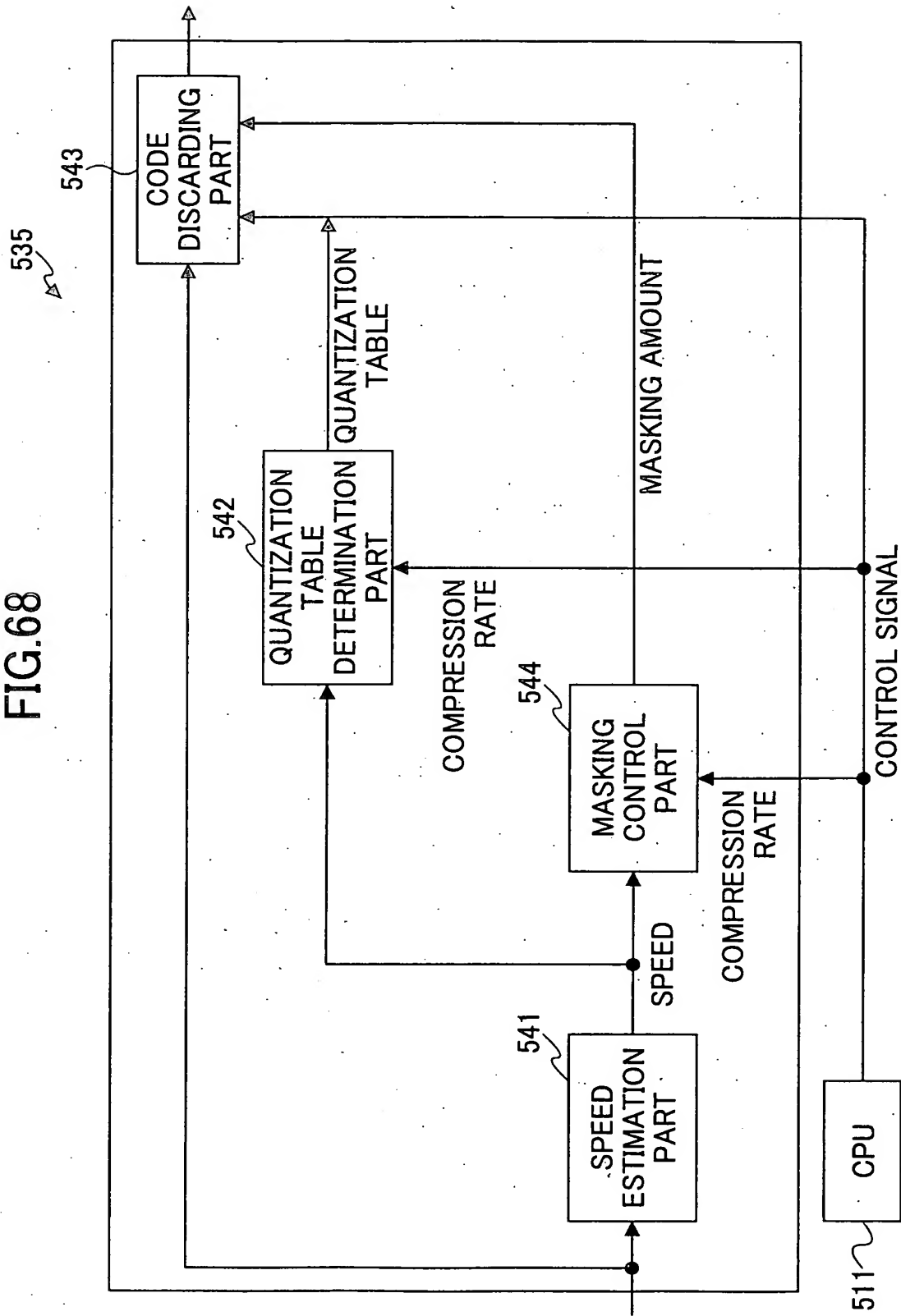
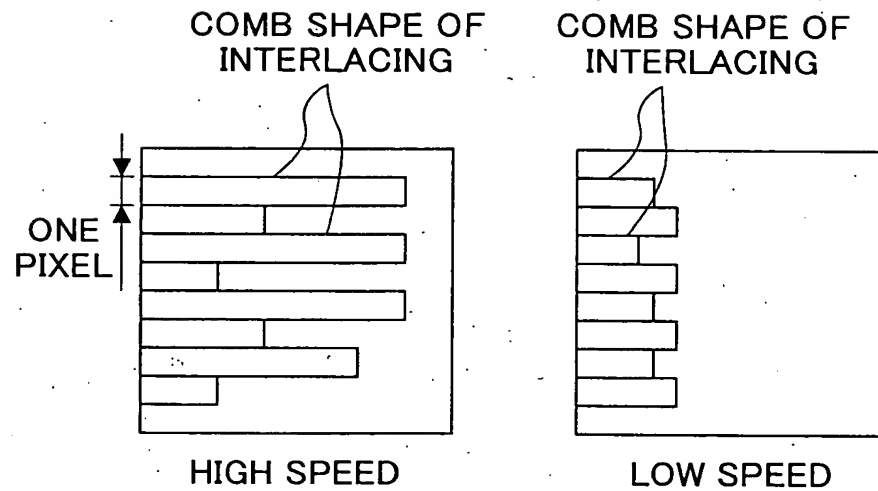


FIG.69



CODE BLOCK OF HIGHER SPEED
HAS LONGER HORIZONTAL
EDGE OF HIGH FREQUENCY



CODE BLOCK OF HIGHER SPEED
HAS GREATER AMOUNT OF 1LH CODES

FIG.70

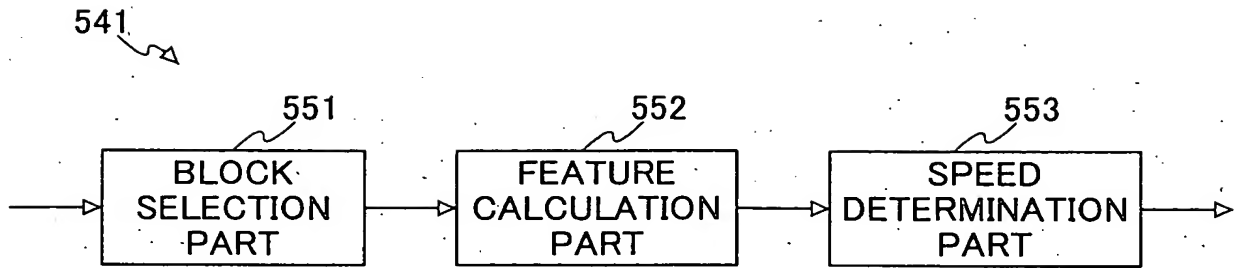


FIG.71

2LL	2HL	1HL_1	1HL_2
2LH	2HH	1HL_3	1HL_4
1LH_1	1LH_2	1HH_1	1HH_2
1LH_3	1LH_4	1HH_3	1HH_4

FIG.72

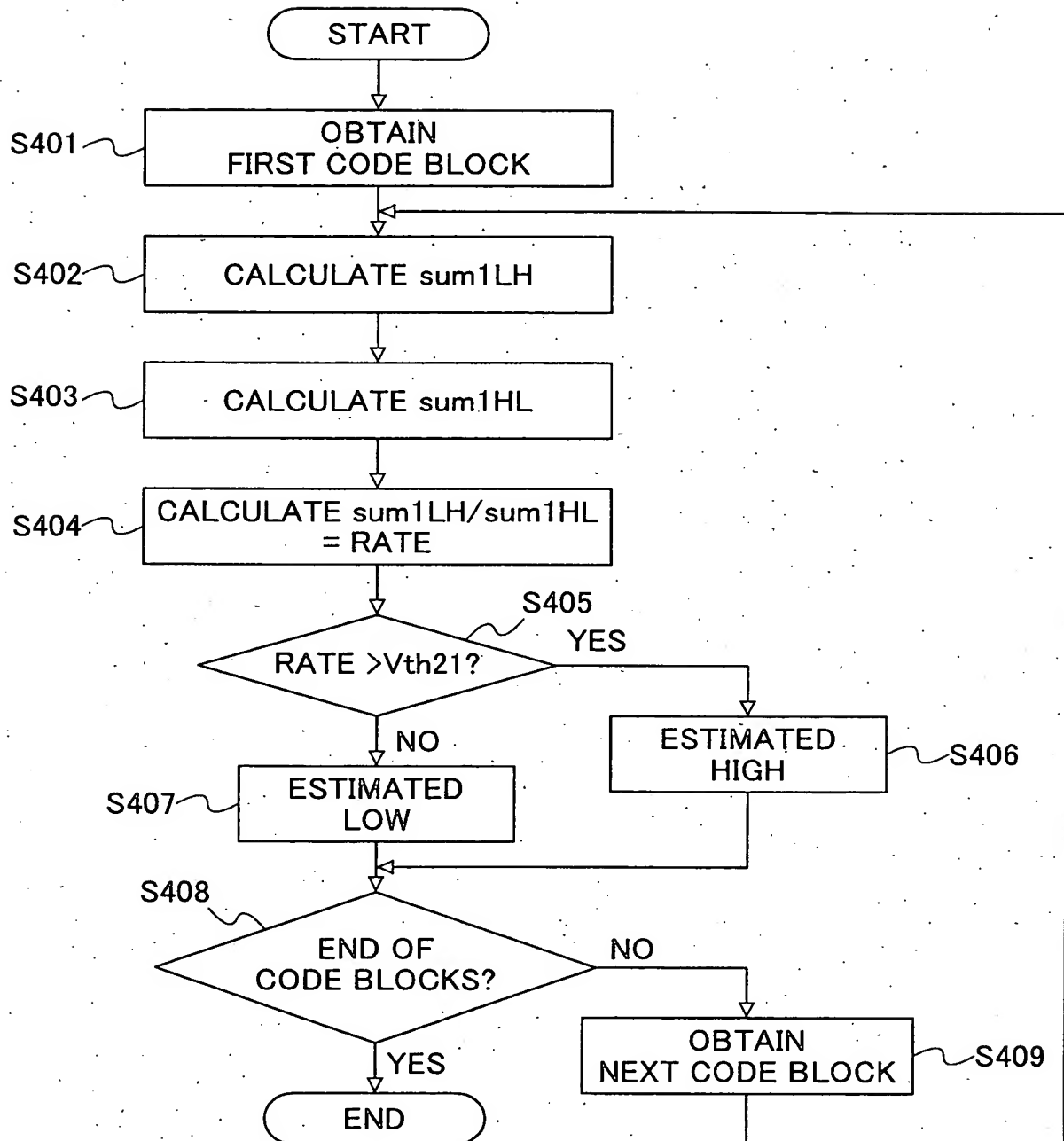


FIG.73

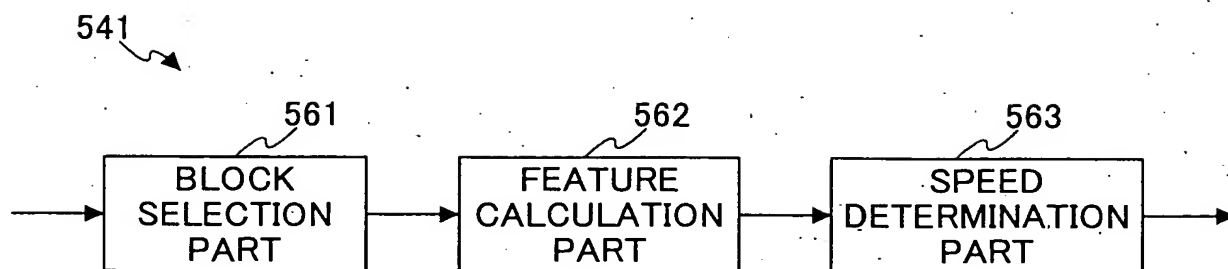


FIG.74

2LL	2HL	1HL_1	1HL_2
2LH	2HH	1HL_3	1HL_4
1LH_1 HIGH	1LH_2 HIGH	1HH_1	1HH_2
1LH_3 HIGH	1LH_4 LOW	1HH_3	1HH_4

HIGH-SPEED CODE BLOCK : 3
LOW-SPEED CODE BLOCK : 1

ENTIRE IMAGE MOTION : HIGH
(SPEED)

FIG.75

